

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

MCDR inspection REPORT

Nagpur regional office

Mine file No : MP/BGT/MN-113/NGP

Mine code : 40MPR01008

- (i) Name of the Inspecting : **SQ32**) **SANDEEP KUMAR SINGH**
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 16-JAN-20
- (v) Prev.inspection date : 30-SEP-13

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **LAUGHAR**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Underground
- (e) Postal address :
State : MADHYA PRADESH
District : BALAGHAT
Village : LAUGHER
Taluka : BAIHAR
Post office : RUPJHAR
Pin Code :
FAX No. :
E-mail :
Phone :
- (f) Police Station :
- (g) First opening date : 26-JAN-68
- (h) Weekly day of rest : FRI
2. Address for : P.O.- ROOPJHAR,
correspondance : TAH. BAIHAR
DISTT. BALAGHAT (MP)
3. (a) Lease Number : MPR1801
- (b) Lease area : 10
- (c) Period of lease : 10
- (d) Date of Expiry : 14-OCT-01
4. Mineral worked : MANGANESE ORE Main

5. Name and Address of the

Lessee : M/s Pacific Minerals Pvt. Ltd.,
11, Sudder Street,
Calcutta, KOLKATA WEST
BENGAL
Phone:033-2450400
FAX :

Owner : M/s Pacific Minerals Pvt. Ltd.,
Baihar Road, Balaghat, M.P.
PIN-481001 BALAGHAT MADHYA
PRADESH
Phone: 40170/40010 Bal
FAX :

6. Date of approval of Mining	:	Renewal under rule 22 MCR1960	27-DEC-99
Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	14-AUG-06
	:	Renewal under rule 24 MCR1960	17-JUL-09

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	Nil	
1b	Exploration over lease area for geological axis 1 or 2	G1,03 Bh	NIL	03 BOREHOLES NOT DONE
1c	Exploration Agencies and Expenditure in lakh rupees during the year	2 Lakh	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	2.82	2.82	
1e	Balance reserve as on 01/04/20		94185 tONS-(111)	
1f	General remarks of inspecting officers on geology, exploration etc			THE PROPOSED 03 BOREHOLES HAVE NOT BEEN DRILLED.VIOLATION GIVEN.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Only Development is propos during this year	Being Doing in U/G	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	NA	NA	
2c	Stripping ratio or ore to OB ratio	NA	NA	
2d	Quantity of topsoil generation in m3	NA	NA	

2e	Quantity of overburden generation in m3	NA	NA	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			DEVELOPMENT WORK IS BEING DONE IN D INCLINE.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	NA	U/G working	
3b	Quantity of ROM mineral production proposed	2242T	325T	
3c	Recovery of sailable/usable mineral from ROM production	90%, YES	YES , DONE	
3d	Quantity of mineral reject generation	5%	0	
3e	Grade of mineral rejects generation and threshold value declared.	Less Than 10%	Less Than 10%	NO REJECT
3f	Quantity of sub grade mineral generation.	0	0	
3g	Grade of sub grade mineral generation	NA	NA	NO REJECT
3h	Manual / Mechanised method adopted for segregating from ROM	MANUAL AND MECHANICAL	MANUAL AND MECHANICAL	SCREENING DONE

3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No	No	
3j	Provision of drilling and blasting in mineral benches	Yes	Yes	
3k	Provision of mining machineries in mineral benches	NA	NA	UG WORKING
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	NA	NA	
3m	Total area covered under excavation/pits	DUMPS-.58 HECT, OFFICE-.2318, ROAD-.2442HEC	DUMPS-.58 HECT, OFFICE-.2318, ROAD-.2442HEC	
3n	Ore to OB ratio for the pit/mine during the year.	na	NA	
3o	Total area put in use under different heads at the end of year	DUMPS-.58 HECT, OFFICE-.2318, ROAD-.2442HEC	DUMPS-.58 HECT, OFFICE-.2318, ROAD-.2442HEC 2.3	
3p	Production of ROM mineral during the last five year period as applicable	18-19 2242t	18-19 325t	FIRST YEAR OF MODIFICATION OF APPROVED PLAN.
3q	General remarks of inspecting officers on method of mining etc.			MINE WORKINGS ARE DONE BY INCLINE.

Solid Waste Management - Dumping:

Sl.No.	Item	Proposals	Actual work	Remarks
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4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	ONLY FOR WASTE.	DONE	
4b	Location of topsoil, OB and mineral reject dumps	NO TOP SOIL, REJECT- BACKFILLING, ROAD REPAIR, WASTE - IN D5 DUMP	NO TOP SOIL, REJECT- BACKFILLING, ROAD REPAIR, WASTE - IN D5 DUMP	
4c	Number of dumps within lease area and outside of lease area	06	06	WITHIN LEASE, OLD DUMPS
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NA	NA	UG MINING
4e	Number of active and alive dumps.	ONE	ONE	
4f	Number of dead dumps.	06	06	
4g	Number of dumps established.	One	One	
4h	Whether Retaining wall or garland drain all along dumps are there.	NP	Na	
4i	Length of Retaining wall or garland drain all along dumps	NP	Na	
4j	Number of settling ponds		01	
4k	Specific comments of inspecting officer on waste dump management			THE SCALE OF OPERATION LOW. PLANNED TO USED ALL WASTE IN BACKFILLING IN UG. MAXIMUM DUMPS AREA IS RECLAIMED/REHABILITATED.

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	
5b	Area under backfilling of mined out area	NA	NA	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NA	NA	
5d	Total area fully reclaimed and rehabilitated	NA	NA	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			NO PROPOSALS IN THIS YEAR.

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	No	
6b	Area available for rehabilitation (ha) .	NA	NA	
6c	afforestation done (ha) .	NA	NA	
6d	No. of saplings planted during the year	NP	NP	
6e	Cumulative no .of plants	NP	NP	

6f	Any other method of rehabilitation	NP	NP
6g	Cost incurred on watch and care during the year	NA	NA
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ($L \times B \times D$	NA	NA
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	NA	NA
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	NA	NA
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NA	NA
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	NA	NA
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	NA	NA

6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	NA	NA	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	NA	NA	
6p	Compliance of environmental monitoring (core zone and buffer zone)	YES	BEING DONE	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			NO RECLAMATION PROPOSAL MADE DURING PLAN PERIOD.DUMP .3486 HECT IS TAKEN AS RECLAIMED/REHABILITATED.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Yes, GRADED ORE	Yes, GRADED ORE	Being Done
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Manual	
7c	Different grade of mineral sorted out at mines.	35-45%	35-45%	
7d	Any beneficiation process at mines	NA	NA	

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	MANUAL SORTING IN GRADES
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Environment:

Sl.No.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NA	NA	
8b	Concurrent use or storage of topsoil	NA	NA	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Yes	Yes	ONE DUMP FOR WASTE.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NO	NO	BACKFILLING IN MINES CAVITY PROPOSED IN FUTURE
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NA	NA	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	NO PROPOSAL	NA	

8g	Survival rate	NIL	NIL	
8h	Water sprinkling on roads to control airborne dust	Yes	Being done	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			It is not applicable.THERE ARE NO PROPOSAL IN YEAR.PLANTATATION CAN BE SEEN NEAR OFFICE AREA AND MINES.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Yes	submitted	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	NOT GIVEN		VIOLATION GIVEN
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	NOT GIVEN		VIOLATION GIVEN
9d	Scrutiny of Annual return on afforestation	125 SAPLING S PLANTED, 55 % SURVIVAL		
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	GIVEN		NO REJECT GENERATED.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	GRADED ORE-<25-457T, 25-23-619.390T, 35-46-293.5 TON	GRADED ORE-<25-457T, 25-23-619.390T, 35-46-293.5 TON	

9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	EXMINE- ORE- <25- 1500RS/T, 25- 23- 2033RS/T, 35- 46-3500RS/T TON, COST OF PRO-4450RS/T	EXMINE- ORE-<25- 1500RS/T, 25-23- 2033RS/T, 35-46-3500RS/T TON, COST OF PRO-4450RS/T
9h	Scrutiny of Annual return on fixed assets	7203484RS, COMB INED GIVEN WITH OTHER MINE.	7203484RS, COMBINED GIVEN WITH OTHER MINE.
9k	Scrutiny of Annual return on mining machineries	LIST OF MACHINERY USED , COMPRESSOR, PU MPS, GENERATORS , VENTILATION FAN ETC GIVEN.	LIST OF MACHINERY IS FURNISHED

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(1)	08-MAY-20			
MCDR17	Rule 55(1) (3)	08-MAY-20			
MCDR17	Rule 26(2)	08-MAY-20			
MCDR17	Rule 11(1)	08-MAY-20			

Date :

(SANDEEP KUMAR SINGH)

Indian Bureau of Mines