

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

**Review and updation of Mining Plan REPORT**

**Nagpur regional office**

**Mine file No :** MP/BGT/MN- 55 /NGP

**Mine code :** 40MPR01057

- (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 : 11-NOV-19
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **BHAIYATIKUR (4.579HA)**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address :  
State : MADHYA PRADESH  
District : BALAGHAT  
Village :  
Taluka :  
Post office :  
Pin Code :  
FAX No. :  
E-mail :  
Phone :
- (f) Police Station :
- (g) First opening date : 01-AUG-10
- (h) Weekly day of rest :
2. Address for : M/s Naturall Resources (India) Private Limited,  
correspondance : Ward no.22, Mardikar Gali,  
Balaghat -481001 (M. P.)
3. (a) Lease Number : MPR2284
- (b) Lease area : 4.58
- (c) Period of lease : 20
- (d) Date of Expiry : 17-JUN-29
4. Mineral worked : MANGANESE ORE Main

## 5. Name and Address of the

Lessee : M/S NATURALL RESOURCES (INDIA) PVT. LTD.  
WARD NO.22, MARDIKAR GALI  
BALAGHAT MADHYA PRADESH  
BALAGHAT MADHYA PRADESH  
Phone:  
FAX :

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	21-APR-09
Plan/Scheme of Mining	:	Modif.of approved Mining Plan	04-FEB-13
	:	Mining Scheme rule 12 MCDR1988	20-APR-15

## 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	no proposal	nil	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Np	Na	
1d	Balance area to be explored to bring Geological axis in 1 or 2	--	--	
1e	Balance reserve as on 01/04/20	reserves as on 01.04.2019	121-14372,222-2834 t	
1f	General remarks of inspecting officers on geology, exploration etc			this belongs to saucer group.it consists of quartz,mica scist,calc granite ,gneiss Gneiss with calcite and dolomite marble.litho unit setup is soil with murrum ,mangnese ore with gondite,micaceous scidt,orebody is 50-200mtr in strike and 2mtr thick approx.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	pit 1and pit 2	nil	

2b	Separate benches proposed in topsoil, overburden and minerals (Rule 15)		no work done	
2c	Stripping ratio or ore to OB ratio	1:.61	nil	T:m3
2d	Quantity of topsoil generation in m3	437m3	nil	
2e	Quantity of overburden generation in m3	1467m3	nil	mine is not working for last many years for EC, other permissions.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			mine is not working for last many years for EC, other permissions. old pits exists in lease hold , water logged.

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#### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	02	nil	mine is not working
3b	Quantity of ROM mineral production proposed	3176 T	nil	
3c	Recovery of sailable/usable mineral from ROM production	yes	nil	
3d	Quantity of mineral reject generation	317	nil	
3e	Grade of mineral rejects generation and threshold value declared.	below threshold	nil	

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3f	Quantity of sub grade mineral generation.	2540	nil	
3g	Grade of sub grade mineral generation	28-10 % Mn	nil	mines not working
3h	Manual / Mechanised method adopted for segregating from ROM	manulal	nil	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NP	NIL	
3j	Provision of drilling and blasting in mineral benches	proposed	nil	
3k	Provision of mining machineries in mineral benches	planned	nil	mines not running
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	yes suitable (6mtr)	no work done	
3m	Total area covered under excavation/pits	8771 m2	7719 m2	
3n	Ore to OB ratio for the pit/mine during the year.	1:.61	not observed	T:m3,mines is not working
3o	Total area put in use under different heads at the end of year	2.1898 hect	1.6766 hect	

3p Production of ROM mineral during the last five year period as applicable

2015-16-1921T  
0  
2016-17 -1921  
T  
2017-18-12952T  
2018-19-3176 T

no production done in last 5 years,

3q General remarks of inspecting officers on method of mining etc.

mine is not being worked for last many years and has not worked in scheme of mininf period for EC, other permission , financial problems

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Solid Waste Management - Dumping:

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Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	proposed	no work done	
4b	Location of topsoil, OB and mineral reject dumps	many location	no work done	
4c	Number of dumps within lease area and outside of lease area	08	08	old dumps with in lease
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)		08 nos.	
4e	Number of active and alive dumps.	02	not observed	no mining being done
4f	Number of dead dumps.	06	not seen	no work being done
4g	Number of dumps established.	08	08	

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4j	Number of settling ponds	not seen	mine is not operational for last many years for many reasons.
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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	no work done	
5b	Area under backfilling of mined out area	no proposal	no work done	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	no proposal	no work done	
5d	Total area fully reclaimed and rehabilitated	no proposal	no work done	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			no proposals for backfilling. mine is not worked for last many years.

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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).		report not submitted.	
6b	Area available for rehabilitation (ha) .	there are no proposal for worked out benches.	nil	

6c	afforestation done (ha).	there are no proposal for worked out benches.	nil	
6d	No. of saplings planted during the year	there are no proposal for worked out benches.	nil	
6e	Cumulative no .of plants	there are no proposal for worked out benches.	nil	
6g	Cost incurred on watch and care during the year	there are no proposal for worked out benches.	nil	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D		7791 m2 pit	no proposal for backfilling
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	no proposal	nil	
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	NP	Na	
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal	nil	



6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	NP	nil	
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	25 tree/sapling on .075 hect area	nil	
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	0.075 hect	nil	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	no proposal	nil	
6p	Compliance of environmental monitoring (core zone and buffer zone)	planned	nil	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			no work is done.mines is not working for last many years.

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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	grade wise	not seen	

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7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	manual	no work is done	
7c	Different grade of mineral sorted out at mines.	in various grades of mN ore	no work is observed	
7d	Any beneficiation process at mines .	no proposal	nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			mines is onot in operation for last many years. work is not observed.

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**Environment :**

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	proposed	no work done	
8b	Concurrent use or storage of topsoil	concurrent	no work is done	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	planned	no work done	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	no proposal	nil	

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8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	no proposal	nil	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	not given. additional 25 each year	nil	
8g	Survival rate	70%		not done/no work done
8h	Water sprinkling on roads to control airborne dust	proposed		not done
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			some plants are seen in mines area. mines is not running for last many years.

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	annual and monthly returns are not submitted.violation has been issued for same.		

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**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
Rule 28(1)	14-FEB-20	24-NOV-20			
Rule 45(5)	14-FEB-20	24-NOV-20			

**Date :**

**(SANDEEP KUMAR SINGH)**

Indian Bureau of Mines