

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

Review and updation of Mining Plan REPORT

Jabalpur regional office

Mine file No : MP/SATNA/BAUXITE/45

Mine code : 07MPR35114

- (i) Name of the Inspecting : **SQ05**) **DEEPAK SHARMA**
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Shri Gosawi QP and Lessee Representative
Official with
Designation
- (iv) Date of Inspection : 18-MAR-21
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **JARIYARI BAUXITE MINE (4.0 HA.)**
- (b) **Registration NO.** : **IBM/21189/2017**
- (c) Category : A Other Mechanised
- (d) Type of Working : Opencast
- (e) Postal address :
State : MADHYA PRADESH
District : SATNA
Village :
Taluka :
Post office :
Pin Code :
FAX No. :
E-mail : info@jiwanlime.com
Phone : 07622 223212
- (f) Police Station :
- (g) First opening date :
- (h) Weekly day of rest : SUN
2. Address for : Village: Jariyar, P.O. Maihar,
correspondance District: Satna (M.P.) - 485010
3. (a) Lease Number :
(b) Lease area :
(c) Period of lease :
(d) Date of Expiry :
4. Mineral worked : BAUXITE Main

5. Name and Address of the
Lessee : JIWAN LIME CHEMICALS PVT. LTD.
INDUSTRIAL AREA, KATAYGHAT
ROAD, KATNI (M.P.) 483501
KATNI MADHYA PRADESH
Phone:07622-223212
FAX :
6. Date of approval of Mining :
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	three borehole of 10 meter each	Not done	mine was not in operational due to want of workign permission and EC
1b	Exploration over lease area for geological axis 1 or 2	area explored upto G2 level	area explored upto G2 level at the time of PL period	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	not mentioned	no exploration work was carried out due to want of ec and working permission	
1d	Balance area to be explored to bring Geological axis in 1 or 2	G2 area needs to be explored upto G1 level	G2 area needs to explored upto G1 level new exploration porposals given	
1e	Balance reserve as on 01/04/20	as on 01/04/2021 122-197583 222-36417 332-234000	as on 01/04/2021 122-197583 222-36417 332-234000	no working was done in the ML due to want to ec and working permission

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	in the central part of the ML towards north direction	working not done as per proposal	mine was not started yet due to working permission and want of EC
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	top soil bench proposed of 0.5-1.0 meter and mineral bench of 3-4 meter	not as per proposal	mine was not started yet due to working permission and want of EC
2c	Stripping ratio or ore to OB ratio	1:0.35	NIL	mine was not started yet due to working permission and want of EC

2d	Quantity of topsoil generation in m3	4860 cum meter	NIL	mine was not started yet due to working permission and want of EC
2e	Quantity of overburden generation in m3	6804 IB cum	NIL	mine was not started yet due to working permission and want of EC
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			mine was not started yet due to working permission and want of EC

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One / Single pit	Not Done as per proposal	mine was not started yet due to working permission and want of EC
3b	Quantity of ROM mineral production proposed	42678 tonnes	Nil-0	mine was not started yet due to working permission and want of EC
3c	Recovery of sailable/usable mineral from ROM production	58.8-60 %	Nil-0	mine was not started yet due to working permission and want of EC
3d	Quantity of mineral reject generation	Not Proposed	NIL	
3e	Grade of mineral rejects generation and threshold value declared.	Not Proposed	NIL	
3f	Quantity of sub grade mineral generation.	Not Proposed	NIL	
3g	Grade of sub grade mineral generation	Not Proposed	NIL	

3h	Manual / Mechanised method adopted for segregating from ROM	Manual Method proposed	NIL	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not Proposed	Nil	
3j	Provision of drilling and blasting in mineral benches	Not Proposed	Nil	
3k	Provision of mining machineries in mineral benches	Proposed	mine was not started yet due to working permission and want of EC	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	As per approved mining plan suitable	mine was not started yet due to working permission and want of EC	
3m	Total area covered under excavation/pits	2.43 hect	0-NIL	
3n	Ore to OB ratio for the pit/mine during the year.	1:0.35	Nil	
3o	Total area put in use under different heads at the end of year	2.485 hect	Nil	
3p	Production of ROM mineral during the last five year period as applicable	2016-17=42768 2017-18=42768 2018-19=42768 2019-20=42768 2020-21=42768	2016-17=0 2017-18=0 2018-19=0 2019-20=0 2020-21=0	mine was not started yet due to working permission and want of EC
3q	General remarks of inspecting officers on method of mining etc.			mine was not started yet due to working permission and want of EC

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Proposed	NIL	mine was not started yet due to working permission and want of EC
4b	Location of topsoil, OB and mineral reject dumps	in the north portion of the ML	NIL	mine was not started yet due to working permission and want of EC
4c	Number of dumps within lease area and outside of lease area	inside the ML	inside the ML	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	outside the UPL	outside the UPL	
4e	Number of active and alive dumps.	Not Proposed	Nil	
4f	Number of dead dumps.	Not Proposed	NIL	
4g	Number of dumps established.	Not Proposed	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	Not Prposed	NIL	mine was not started yet due to working permission and want of EC
4i	Length of Retaining wall or garland drain all along dumps	Not Proposed	NIL	mine was not started yet due to working permission and want of EC
4j	Number of settling ponds	Not Proposed	NIL	mine was not started yet due to working permission and want of EC
4k	Specific comments of inspecting officer on waste dump management			mine was not started yet due to working permission and want of EC

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
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5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	full extraction of mineral proposed	mine was not started yet due to working permission and want of EC	
5b	Area under backfilling of mined out area	Not Proposed	NIL	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	not proposed	nil	
5d	Total area fully reclaimed and rehabilitated	not proposed	mine was not started yet due to working permission and want of EC	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			mine was not started yet due to working permission and want of EC

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).	Proposed	NIL	mine was not started yet due to working permission and want of EC
6b	Area available for rehabilitation (ha) .	Not Proposed	mine was not started yet due to working permission and want of EC	
6c	afforestation done (ha) .	Not Proposed	mine was not started yet due to working permission and want of EC	
6d	No. of saplings planted during the year	Not Proposed	mine was not started yet due to working permission and want of EC	

6e	Cumulative no .of plants	100	0-NIL
6f	Any other method of rehabilitation	Not Proposed	NIL
6g	Cost incurred on watch and care during the year	Not Proposed	NIL

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Grade wise sorting was proposed	mine was not started yet due to working permission and want of EC	
7b	Method of grade- wise mineral sorting i.e. manual or mechanical.	Manual method was proposed	mine was not started yet due to working permission and want of EC	
7c	Different grade of mineral sorted out at mines.	Not Proposed	mine was not started yet due to working permission and want of EC	
7d	Any beneficiation process at mines .	Not Proposed	mine was not started yet due to working permission and want of EC	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			mine was not started yet due to working permission and want of EC

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	in plantation as and when generated	mine was not started yet due to working permission and want of EC	

8b	Concurrent use or storage of topsoil	in plantation	mine was not started yet due to working permission and want of EC	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	proposed	mine was not started yet due to working permission and want of EC	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	proposed	mine was not started yet due to working permission and want of EC	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	proposed	as per approved mining plan	
8g	Survival rate	90	NIL mine was not started yet due to working permission and want of EC	
8h	Water sprinkling on roads to control airborne dust	proposed	mine was not started yet due to working permission and want of EC	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			mine was not started yet due to working permission and want of EC

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	mine was not started yet due to working permission and want of EC		

- 9b Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager mine was not started yet due to working permission and want of EC
- 9c Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc. mine was not started yet due to working permission and want of EC
- 9d Scrutiny of Annual return on afforestation mine was not started yet due to working permission and want of EC
- 9e Scrutiny of Annual return on mineral reject generation (Grade and quantity) mine was not started yet due to working permission and want of EC
- 9f Scrutiny of Annual return on ROM stock and/or graded ore mine was not started yet due to working permission and want of EC
- 9g Scrutiny of Annual return on sale value, Ex. Mine price and production cost mine was not started yet due to working permission and want of EC
- 9h Scrutiny of Annual return on fixed assets mine was not started yet due to working permission and want of EC
- 9k Scrutiny of Annual return on mining machineries mine was not started yet due to working permission and want of EC
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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 :

(DEEPAK SHARMA)

Indian Bureau of Mines