

**INDIAN BUREAU OF MINES
MINERALS DEVELOPMENT AND REGULATION DIVISION
MCDR inspection REPORT
Jabalpur regional office**

Mine file No:

Mine code:38MPR26001

- (i) Name of the Inspecting Officer and ID No. : MADHAVRAO SABRE,
(ii) Designation : Senior Mining Geologist
(ii) Accompanying mine Official with Designation : Mr Deo Prakash,
Mr Narender Prakash Nema
(iv) Date of Inspection : 21.01.2023
(v) Prev. inspection date : NA

PART-I : GENERAL INFORMATION

1. (a) Mine Name : Kolkarhiya Limestone Mines
(b) Registration NO. : IBM/43478/2019
(c) Category : A, Manual
(d) Type of Working : Opencast
(e) Postal address :
State : MADHYA PRADESH
District : Panna
Village : Kolkarhiya
Taluka : Simariya
Post office : Deori
Pin Code : 488442
FAX No. : N. A.
E-mail : projects@springwaymining.co.in
(f) Phone : 9199497187
(g) Police Station : Simariya
(h) First opening date : 21/03/2022
(i) Weekly day of rest : Sunday
2. Address for correspondence : Springway Mining Pvt Ltd,
HNO C-1, Baijnath Dham Colony
Navodaya Ward, Hatta, Damoh, MP
3. (a) Lease Number : 45917201
(b) Lease area : 499.641 Ha
(c) Period of lease : 16/10/2015 to 15/10/2065
(d) Date of Expiry : 15/10/2065
4. Mineral worked : Limestone
5. Name and Address of the Lessee& Owner : Springway Mining Pvt Ltd,
HNO C-1, Baijnath Dham Colony
Navodaya Ward, Hatta, Damoh, MP
6. Date of approval of Mining Plan/Scheme of Mining : 1. **Review of Mining Plan -**
27/12/2019 - MP/Panna/Lst/RMP-20/19-20)
2. **Mining Plan -27/05/2015**
-MP/PANNA/LIMESTONE/MPLN/G-22/14-15
3. Modification of Mining Plan -
approved vide letter no. E 6820
MCDR-MP COLST/20/2023-JBP-IBM-RO-JBP
Dated 27.06.2023

PART - II: OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration

SL. No	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	39 Nos of Boreholes	Nil	Violation letter issued
1b	Exploration overlease area for geological axis 1 or 2	74 Nos of Boreholes	Under progress	NA
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NA, Rs 4,188,182/-	Nil	NA
1d	Balance area to be explored to bring Geological axis in 1 or 2	From G-2 to G-1- 403.047 Ha From G-3 to G-1- 45.604 Ha	From G-2 to G-1- 403.047 Ha From G-3 to G-1- 45.604 Ha	NA
1e	Balance reserve as on 01/04/2022	137.98 Mill. Tonnes	137.98 Mill. Tonnes	NA
1f	General remarks of inspecting officers on geology, exploration etc	Exploration not taken up for previous year so, Violation letter issued.		

Development

SL. No	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	Pit A	Pit A	Violation letter issued as pit was not developed at proposed location.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Top soil bench proposed	Separate top soil bench is being maintained	
2c	Stripping ratio or ore to OB ratio	1:0.80	0.71:1.0	
2d	Quantity of topsoil generation in m ³	177525 M ³	55.56 M ³	Violation letter issued.
2e	Quantity of overburden generation in m ³	465919 M ³	83 M ³	Violation letter issued.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Mines started from 21/03/2022		

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Exploitation

SL. No	Item	Proposals	Actual Work	Remarks
3a	Number of pit proposed for production	01 No	01 No	NA
3b	Quantity of ROM mineral production proposed	1964725 MT	40 MT	Violation letter issued.
3c	Recovery of saleable/usable mineral from ROM production	98%	100%	NA
3d	Quantity of mineral reject generation	36550 MT	Nil	NA
3e	Grade of sub grade mineral generation	34% to 40% CaO	NA	Nil
3f	Manual / Mechanised method adopted for segregating from ROM	Mechanized - (Blending with Cement Grade)	NA	NA
3g	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NA	NA	NA
3h	Provision of drilling and blasting in mineral benches	Yes	Drilling and Blasting has not started yet	Permission for Drilling Blasting is under process
3i	Provision of mining machineries in mineral benches	Yes	Yes	NA
3j	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Yes	NA
3k	Total area covered under excavation/pits	Under excavation/pits - 16.87 Ha	Under excavation/pits - 0.017 Ha	-
3l	Ore to OB ratio for the pit/mine during the year.	1:0.80	0.71:1.0	NA
3m	Total area put in use under different heads at the end of year	Under excavation/pits - 16.87 Ha Other purpose - 0.113 Ha	Under excavation/pits - 16.87 Ha Other purpose - 0.113 Ha	
3n	Production of ROM mineral during the last five year period as applicable		2017-18 - Nil 2018-19 - Nil 2019-20 - Nil 2020-21 - Nil 2021-22 - 40 MT	Mines started from 21/03/2022
3o	General remarks of inspecting officers on method of mining etc.	Mines started from 21/03/2022.		

Solid Waste Management - Dumping

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SL. No	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Yes	Nil	
4b	Location of topsoil, OB and mineral reject dumps	Pit A	Nil	
4c	Number of dumps within lease area and outside of lease area	Within ML - One Outside ML - Nil	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Pit A	Nil	
4e	Number of active and alive dumps.	One	Nil	
4f	Number of dead dumps.	Nil	Nil	
4g	Whether Retaining wall or garland drain all along dumps are there	Nil	Nil	
4h	Length of Retaining wall or garland drain all along dumps	Nil	Nil	
4i	Number of settling ponds	Nil	Nil	
4j	Specific comments of inspecting officer on waste dump management	Nil		

Solid Waste Management - Backfilling

SL. No	Item	Proposals	Actual Work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling	Nil	Nil	
5b	Area under backfilling of mined out area	Nil	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	2.0	0.6874	
5d	Total area fully reclaimed and rehabilitated	2.0	0.6874	
5e	General remarks of inspecting officers on backfilling and	Nil		

reclamation etc.

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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).	Yes	Submitted for Fy 2021-22	
6b	Area available for rehabilitation (ha)	2.0	0.6874	
6c	Afforestation done (ha)	2.0	0.6874	
6d	No. of saplings planted during the year	3500	Nil	Violation pointed
6e	Cumulative no.of plants	3500	Nil	
6f	Any other method of rehabilitation	NA	NA	
6g	Cost incurred on watch and care during the year	NA	Rs 115800/-	
6h	Compliance on reclamation and rehabilitation by backfilling Voids available for backfilling (L x B x D)	Nil	Nil	
6i	Compliance on reclamation and rehabilitation by backfilling Voids filled by waste / tailings	Nil	Nil	
6j	Compliance on reclamation and rehabilitation by backfilling Afforestation on backfilled area	Nil	Nil	
6k	Compliance on reclamation and rehabilitation by backfilling Rehabilitation by making water reservoir	Nil	Nil	
6l	Compliance on reclamation and rehabilitation by backfilling any other specific means.	Nil	Nil	
6m	Compliance of rehabilitation of waste land within lease afforestation	Nil	Nil	
6n	Compliance on rehabilitation of waste land within lease Area rehabilitation (ha)	Nil	Nil	
6o	Compliance of rehabilitation of waste land within lease Method of rehabilitation	Nil	Nil	
6p	Compliance of environmental monitoring (core zone and buffer	Environment Monitoring proposed for	Being done regularly	

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	zone)	core and buffer zone		
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	Nil	Mines started from 21/03/2022	

Mineral Conservation

SL. No	Item	Proposals	Actual Work	Remarks
7a	ROM Mineral grade-wise sorting within lease area	Nil	Nil	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	NA	NA	
7c	Different grade of mineral sorted out at mines	NA	NA	
7d	Any beneficiation process at mines	NA	NA	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	Nil, Mines started from 21/03/2022		

Environment

SL. No	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Proposed	Being utilize	
8b	Concurrent use or storage of topsoil	Proposed	Being utilize for plantation	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Proposed	NA, as no dumps exist	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not proposed in reporting year	Nil	mines started on 21/03/2022
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NA	NA	
8f	Baseline information	NA	NA	

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	onexistence of plantation and additional plantation done (Rule 41)			
8g	Survival rate	90	96	
8h	Water sprinkling on roads to control airborne dust	Yes proposed.	Water sprinkling is being done regularly	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Nil		

Compliance of Rule 45

SL. No	Item	Proposals	Actual Work	Remarks
9a	Status of submission of Monthly and Annual returns	Yes	Monthly Return - Online return being submitted/Month Annual Return - Submitted on 27/06/2022	Yes submitted
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Yes	Mining Engineer - Deo Prakash, Geologist - Narender Prakash Nema, Manager - Deo Prakash	Furnished.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc	Yes	Under excavation/pits - 16.87 Ha Other purpose - 0.113 Ha	Furnished.
9d	Scrutiny of Annual return on afforestation	Yes	3500 Nos	Violation issued.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	NA	NA	-
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Yes	ROM Stock - 31 MT	-
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Yes	Ex-Mine Price - 4976.85-	
9h	Scrutiny of Annual return on fixed assets		NA	-
9i	Scrutiny of Annual return on mining machineries		TIPPER - 1 WHEEL LOADER - 1	-

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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
Nil	Nil	Nil	Nil

Date:

(MADHAVRAO SABRE)

Indian Bureau of Mines