

MCDR INSPECTION REPORT 2022-23

General:

Sl .No.	Particulars	Details
1	Name of the Mine	Chilhathi Limestone Mine
2	Date of Inspection:	27.10.2023
3	Name of Inspecting Officer	Mr. D Upadhyay, DCOM
4	Name of official accompanying inspection	Mr. P P Pandey, Head - Mining
5	Last date of Inspection & Officer	10/01/2019, Shri R.K. Das, Sr. ACOM
6	Total Lease Area (Ha) with breakup of Non-forest and forest land	582.962 (Ha) Forest land -Nil
7	Mine code	38CHG02001
8	IBM Registration Number under rule 45 of MCDR, 1988/2017	IBM/256/2011
9	Name of the Lease, Address, Phone, email and fax number	ACC LIMITED JAMUL CEMENT WORKS DIST. DURG, BHILAI-490024 Phone. No-07882285081 Fax.No-07882282585 Email- pinaki.pandey@adani.com
10	Village	Bidiyadih, Bhurkunda, Godadih and Bohardi
11	Taluka/Mandal	Pachpedi
12	District	Bilaspur
13	Pin code	495 551
14	State	Chhattisgarh
15	Post Office	Godadih
16	Nearest Police Station	Pachpedi
17	Nearest Railway Station	Bilaspur
18	Date of Grant of Mining Lease	10-08-2009
19	Date of Execution	21-10-2009
20	Weekly day of rest	SUNDAY
21	Date of opening of Mine	01.07.2021
22	Date of First Renewal, if applicable and its period & expiry	Not Applicable
23	Date of Second Renewal, if applicable and its period & expiry	Not Applicable
24	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Not Applicable
25	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Mr. Ajay Kapur ACC Limited, 121, Maharshi Karve Road, Mumbai. Email- ajay.kapur@adani.com

		Date of Appointment 03/12/2022
26	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Mr. Suresh Dube PO – Jamul Cement Works, Bhilai, Distt–Durg (CG) PIN : 490 024 Phone : +91 22882285851 to 84 Suresh.dubey@adani.com Fax : +91 788 2382588 Date of Appointment : 01/12/2022
27	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	Mr. Pinak Pani Pandey Vill : Bidiyadih, PO : Godadih, Thana : Pachpedi Tah : Masturi, Distt : Bilaspur (CG) PIN : 495551 Mob : 7024136362 Pinaki.pandey@adani.com Fax : +91 788 2382588 Date of Appointment : 01/06/2021
28	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Mr. Pinak Pani Pandey Diploma in Mining with FCC Experience – 35+years Vill : Bidiyadih, PO : Godadih, Thana : Pachpedi Tah : Masturi, Distt : Bilaspur (CG) PIN : 495551 Mob : 7024136362 Pinaki.pandey@adani.com Fax : +91 788 2382588 Date of Appointment – 10/03/2022
29	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Yes
30	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	Review of mining plan vide letter no. Bilspur/chup/khayo-1187/2018-Raipur, dated 04/02/2019
31	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	For the period :2019-20 to 2023-24
32	Mineral(s) granted in lease and approved for Mining	LIMESTONE
33	Method of Mining (Opencast, Underground)	OPENCAST
34	Category (Fully Mechanized, Others or Manual)	Mechanised
35	Captive/Non-Captive	Captive
36	Present EC Status	Valid vide letter no – F. No. J-11015/45/2018-IA.II (M)., dated 31/01/2030: 3900000 tons/

		annum.
37	Status of Financial Assurance	BG No – 1637619BG0000050 Amount – Rs 11400000/- Valid upto – 31/03/2024

Scientific Mining: Compliance of proposals of approved Mining Plan/Review of Mining Plan:

1.0 Exploration:

S.N.	Item	Proposals (2022-23)	Actual Work (2022-23)	Remarks
1a	Backlog of previous year Proposals	Not proposed	Backlog of 99 nos. of bore holes drilled in in 2022-23.	Backlog of 99 nos. of bore holes drilled in in 2022-23.
1b	Exploration over lease area for Geological axis 1 or 2.	Not proposed	G1 level of exploration	Entire lease area is explored under G1 Category
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Not proposed	Drilling done by Geo Environment Serices Bhuwaneswar & Synergy GeoTech Nagpur. Expenditure-120.60 lakh	Entire lease area is explored under G1 Category.
1d	Balance area to be explored to bring Geological axis in 1 or 2.	Not proposed	Entire lease area is explored under G1 category	Entire lease area is explored under G1 Category
1e	Balance reserves as on 01.04.2023	Balance reserves as on 01.04.2023: 8557194T		
1f	General remarks of Inspecting officer on geology, exploration etc.	Entire lease area is explored under G1 Category		

2.0 Development:

S.N.	Item	Proposals (2022-23)	Actual Work (2022-23)	Remarks
2a	Location of Development w.r.t. lease area	Block J UTM co-ordinate- 2413437N to 2412902N & 638620E to 639303 E.	Block J UTM- From 2412912N to 2412965N & 638716E to 638793 E	Due to non-commissioning of its captive cement plant negligible development work carried out.
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Separate benches in OB & Ore	Separate benches in OB & Ore are maintained	Separate benches in OB & Ore are maintained.
2c	Stripping ratio or ore to OB ratio	1:.05	Nil	Due to non-commissioning of its captive cement

				plant negligible development work carried out.
2d	Quantity of topsoil generation in m ³	18755 cu.m	Nil	--do--
2e	Quantity of overburden generation in m ³	75023 cu.m	Nil	--do--
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	Due to non-commissioning of its captive cement plant negligible development work carried out.		

3.0 Exploitation:

S.N	Item	Proposals (2022-23)	Actual Work (2022-23)	Remarks
3a	Number of pits proposed for production	01	01	01Pit
3b	Quantity of ROM mineral production proposed	1898432 Tons	609 Tons	Due to non-commissioning of its captive cement plant ROM production is very less.
3c	Recovery of Salable/usable mineral from ROM production	100%	100%	No mineral reject proposed.
3d	Quantity of mineral reject generation	Not proposed.	NIL	NIL
3e	Grade of mineral reject generation and threshold value declared	Not proposed.	NIL	NIL
3f	Quantity of sub-grade mineral generation	Not proposed.	NIL	NIL
3g	Grade of sub-grade mineral generation	Not proposed.	NIL	NIL
3h	Manual/Mechanized method adopted for segregation from ROM	Mechanized	Mechanized	Mechanized
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not proposed	NIL	NIL
3j	Provision of drilling & blasting in mineral benches	Drilling and blasting is proposed,	Drilling and blasting is carried out as per proposal.	Drilling and blasting is carried out as per proposal.
3k	Provision of mining machineries in mineral benches	Shovel and dumper combination	Shovel and dumper combination	Excavator, Loader and Dumper are equipped to winning out the

				mineral.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Yes	Bench height is suitably matched with the excavator.
3m	Total area covered under excavation /pits	25 Ha. upto 31/03/2024	0.07 Ha. Upto 31/03/2023	0.07 Ha. Upto 31/03/2023
3n	Ore to OB ratio for the pit/mine during the year	1:.05	Nil	Due to non-commissioning of its captive cement plant negligible development work carried out.
3o	Total area put in use under different heads at the end of year	Upto End of plan period: Area under Pit- 25 Ha. Topsoil storage 1 Ha., Dump 2 Ha., Infrastructure 1.5 Ha. Roads 2.5 Ha. Green belt 6.0 Ha.	Upto 31/03/2023 Area under mining 0.07 Ha., Green belt 0.04 Ha.	Upto 31/03/2023 Area under mining 0.07 Ha., Green belt 0.04 Ha.
3p	Production of ROM mineral during last five-years period, as Applicable (tonne)	2019-20 - Nil	2019-20 - Nil	Mine operation started on 01.07.2021
		2020-21 - Nil	2020-21 - Nil	
		2021-22: 745951T	2021-22 – 197T	
		2022-23:1898432T	2022-23 – 609T	
3q	General remarks of inspecting officer on method of mining etc	Due to non-commissioning of its captive cement plant ROM production is very less.		

4.0 Solid Waste Management-Dumping:

S.N.	Item	Proposals (2022-23)	Actual Work (2022-23)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	Yes	Nil	Nil
4b	Location of topsoil, OB & mineral reject dumps	Top soil UTM 639905,2413378 and 639781,2413440 OB UTM 639738, 2413877 and 639894,2413459	Nil	Due to non-commissioning of its captive cement plant negligible development work carried out, therefore generation of top soil and OB is nil.
4c	Number of Dumps within lease area and outside lease area	01 (As a bund along the lease boundary)	Nil	--do--

4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	01 (As a bund along the lease boundary)	Nil	--do--
4e	Number of Active & Alive dumps	01 (As a bund along the lease boundary)	Nil	--do--
4f	Number of dead dumps	Not proposed	Nil	Nil
4g	Number of dumps established	Not proposed	Nil	Nil
4h	Whether Retaining wall or garland drain all along dumps are there	Not proposed	Nil	Nil
4i	Length of Retaining wall or garland drain all along dump	Not proposed	Nil	Nil
4j	Number of settling ponds	Not proposed	Nil	Nil
4k	Specific comments of inspecting officer on waste dump management	Due to non-commissioning of its captive cement plant negligible development work carried out, therefore generation of top soil and OB is nil.		

5.0 Solid Waste Management-Backfilling:

S.N.	Item	Proposals (2022-23)	Actual Work (2022-23)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Not proposed	NIL	Area is not matured for reclamation and rehabilitation.
5b	Area under backfilling of mined out area	Not proposed	NIL	--do--
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Not proposed	NIL	--do--
5d	Total area fully reclaimed & rehabilitated	Not proposed	NIL	--do--
5e	General remarks of inspecting officer on backfilling, reclamation etc	Area is not matured for reclamation and rehabilitation.		

6.0 Progressive Mine Closer Plan:

S. N.	Item	Proposals (2022-23)	Actual Work (2022-23)	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly-Rule 26 (2)	As per provision of MCDR 2017.	Annual report on PMCP submitted on 27.06.2023	Annual report on PMCP submitted on 27.06.2023

6b	Management of worked/mined out benches (i)Area available for rehabilitation (Ha) (ii)Afforestation done (ha) (iii)No. of saplings planted during the year (iv)Cumulative no. of plants (v)Any other specific method of rehabilitation (vi)Cost incurred on watch & care during the year	Not proposed	NIL	Area is not matured for reclamation and rehabilitation.
6c	Compliance on reclamation and rehabilitation by backfilling Voids available for backfilling (L*B*D) Void filled by waste/tailings Afforestation on the backfilling Rehabilitation by making water reservoir Any other specific means	Not proposed	NIL	Area is not matured for reclamation and rehabilitation.
6d	Compliance of Rehabilitation of waste land within lease i. Afforestation ii. Area rehabilitation (ha) iii. Method of rehabilitation	Not proposed	NIL	NIL
6e	Compliance of Environment monitoring (core zone & buffer zone)	Environmental monitoring proposed	Environmental monitoring carried out at regular interval and observed that all the parameters within the specified standard limit.	Environmental monitoring carried out at regular interval and observed that all the parameters within the specified standard limit.
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	Area is not matured for reclamation and rehabilitation.		

7.0 Mineral Conservation:

S.N.	Item	Proposals (2022-23)	Actual Work (2022-23)	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	ROM mineral dispatched	ROM mineral dispatched	ROM mineral dispatched
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Mechanical	Mechanical	Mechanical
7c	Different grade of mineral sort out at mine	ROM mineral	ROM mineral	ROM mineral

		dispatched	dispatched	dispatched
7d	Any beneficiation process at mines	Not proposed.	Nil	No such proposal for mineral beneficiation was proposed during the reporting year.
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	ROM mineral dispatched for its captive plant.		

8.0 Environment:

S.N.	Item	Proposals (2022-23)	Actual Work (2022-23)	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	YES	Nil	No top soil generated
8b	Concurrent use or storage of topsoil	Not proposed.	Nil	No top soil generated
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	YES, proposed to dispose in bunds	Nil	Due to non-commissioning of its captive cement plant negligible development work carried out, therefore generation of top soil and OB is nil.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not proposed.	Nil	Area is not matured for reclamation and rehabilitation.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not proposed.	Nil	Area is not matured for reclamation and rehabilitation.
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	6250 nos.	2022-23- 200.0 within lease area and outside lease 100 nos Cumulative-300.0 nos.	2022-23- 200.0 within lease area and outside lease 100 nos Cumulative- 300.0 nos
8g	Survival rate	Not specified.	Survival rate 95%	As reported Survival rate 95%
8h	Water sprinkling on roads to control airborne dust	Water tanker	One water tanker of 2KL deployed.	One water tanker of 2KL deployed.
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	Aesthetic beauty in and around mines area is maintained by plantation.		

9.0 Compliance of Rule 45:

S N	Item	Comments		Remarks
9a	Status of submission of monthly and Annual returns	MR submitted up to Sept'23		
		AR submitted up to 2022-23		
S N	Item	Details Given in A.R.	Observation of I/Officer	
9 b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer & Geologist appointed. Manager & Mining Engineer- Shri PP Pandey	Mining Engineer and Geologist appointed	Mining Engineer and Geologist appointed
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area under Pit- 0.07 Ha	Found in order.	Found in order
9 d	Scrutiny of Annual return on afforestation	200 no. Plantation done within lease area and 100 no. plantation done outside lease area.	Found in order.	Found in order
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	Nil	Found in order.	Found in order
9f	Scrutiny of Annual return on ROM stock and/or grade ore	Nil	Found in order.	Found in order
9 g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Cost of production per ton- 22576.10	Found in order.	Found in order
9i	Scrutiny of Annual return on Fixed assets	Fixed assets Rs 160353951	Found in order.	Found in order
9 k	Scrutiny of Annual return on mining Machineries	Machineries Furnished in AR	Found in order.	Found in order

10- Details of violations observed during last inspection and the compliance status.

No Violation of serious nature is observed during the inspection.

Date:

Signature:

Name: D. Upadhyay
Designation: DCOM