

MCDR INSPECTION REPORT

Date of Inspection : 08.10.2024

Name of Inspecting Officer: Subrata Kumar Muduli-Senior Mining Geologist

S. N.	Particulars	Details
1	Name of the Mine	Umsoo Mootang Limestone Mine (DCBL) Block-V
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Total Lease Area 128.52 Ha Forest Land.
3	Mine code	38 MEG 03015
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/929/2011
5	Name of the lessee, Address, phone, email and fax number	Name of the lessee:- M/s Dalmia Cement (Bharat) Limited Address of Registered office: M/S Dalmia Cement (Bharat) Limited, Dalmiapuram,
6	Village	Dalmiapuram,
7	Taluk/Mandal	Nil
8	District	Tiruchirapalli
9	Pincode	621 651
10	State	Tamilnadu
11	Post office	Dalmiapuram
12	Nearest police station	Kallakudi
13	Nearest Railway station	Kallakkudi Palanganatham
14	Date of Grant of Mining Lease	14/12/2016
15	Date of Execution	21/12/2016
16	Date of opening of Mine	12/07/2017
17	Date of first Renewal, if applicable and its period & expiry	NA
18	Date of second Renewal, if applicable and its period & expiry	NA
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	NA
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Sh. Venkatesan Thyagarajan M/s Dalmia Cement (Bharat) Limited Umsoo Mootang, Village : Thangskai, P.O. Lumshnong, District : East Jaintia Hills, Meghalaya. 793 210. Date of appointment: 18.05.2018
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Raju Ranjan Prasad M/s Dalmia Cement (Bharat) Limited Umsoo Mootang, Village : Thangskai, P.O. Lumshnong, District : East Jaintia Hills, Meghalaya. 793 210. Email- prasad.raju@dalmiacement.com Mob: 9862088558 Date of Appointment:-28.09.2022
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Sh. Manoj Kumar Sinha M/s Dalmia Cement (Bharat) Limited, Umsoo Mootang, Village: Thangskai, P.O. Lumshnong, District:- East Jaintia Hills, Meghalaya. 793210. Email-sinha.manoj@dalmiacement.com Mob:9612159673, Date of Appointment: 06.01.2024
23	Name of the Mining Engineer, Qualification and	Sh. Deo Prakash, B.E. (Mining), 16.5 Years

	total experience with Address, phone, email, fax number and date of appointment in mine	Experience M/s Dalmia Cement (Bharat) Limited, Umsoo Mootang, Village:- Thangskai, P.O. Lumshnong, District:- East Jaintia Hills, Meghalaya. 793210. Email-PRAKASH.DEO@dalmiacement.com Mob: 6909313683, Date of Appointment: 19.01.2024
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Yes. Geologist:- Shri Prasenjit Chatterjee (M.Sc.in Applied Geology) Experience:- 10.5 Years, Date of appointment:-04.04.2023 Mining Engineer:- Shri. Deo Prakash, B.E. (Mining), Experience: 16.5 Years, Date of appointment:-19.01.2024
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	1. MP-314(3)/2009 MCCM(CZ)/MP-33 date 29.04.2010 2. MOM-IBM/GHY/MEG/JNH/LST/MP-84 date 29.08.17 3. ROMP- IBM/GHY/MEG/JNH/LST/MP-84, Date-09.09.2021
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	1)Mining Plan approved vide letter No-314(3)/2009-MCCM(CZ)/MP-33 dated 29.04.2010 2)Modification of Approved Mining Plan for the period 2017-18 to 2020-21 approved vide letter no-IBM/GHY/MEG/JNH/LST/MP-84 Dated 29.08.2017. 3) Review of Mining Plan-IBM/GHY/MEG/JNH/LST/MP-84, Date-09.09.2021.
27	Mineral(s) granted in lease and proved for mining	Limestone
28	Method of Mining (Opencast, Underground)	Opencast Working
29	Category (Fully Mechanised, Others or Manual)	Fully mechanized
30	Captive/ Non captive	Captive

Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining. (Duplication of information in existing TMIS data sheets and draft write up has been avoided.)

Exploration (2023-24):-

S.N.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	2021-22- 6 Borehole (3 NOS. NQ CORE (200MX200M)- 180M & 3 Nos. DTH (100MX100M)- 150M) Total 330 m drilling	6 No NQ CORE-967M done in the year 2023-24.	Earlier issued violation u/r 11(1) of MCDR-2017 is now stand complied.
1b	Exploration over lease area for Geological axis 1 or 2.	10.52 Ha G2 level area to be explored in G1 level in 2021-22	10.52 Ha	Part of mining lease area over an extent of 118 Ha has been explored by G1 level of Exploration.
1c	Exploration Agency & Expenditure in	No such details approved.	M/s Natural Resources Exploration & Mining Pvt. Ltd.	

	lakh Rupees during the year		Plot No. 360/6735, Besides Prusty Fashion, Near Damana Market, Damana, Chandrasekharpur, Bhubaneswar, Odisha 09238104206 (O), Mobile-09437579085, 07978904103 E-mail:nremp108082017@gmail.com; Expenditure: Rs.32.39740 Lakhs	
1d	Balance area to be explored to bring Geological axis in 1 or 2	10.52 Ha.	10.52 Ha.	Entire mining lease area over an extent of 118 Ha has been explored by G1 level of Exploration.
1e	Balance reserves as on 31.03.2024	89,949,991MT (89.949 Million Tonnes)	90,382,477 MT (90.382 Million tonnes)	As per RMP Approved on 09.09.2021
1f	General remarks of inspecting officer on geology, exploration etc.	Entire lease area has been explored by G1 level of Exploration. A total of 87 nos of core bore holes have been drilled for a total meterage of 7285 m. Earlier violation pertaining to exploration has been complied.		

Development

S.N.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	N 2785782-2785409, E 435867-434362 (2023-24)	N 2786360-2785160, E 434560-435897 (2023-24)	Violation u/r 11(1) of MCDR-2017 issued for location deviation.
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Benches to be developed only in OB and Mineral.	Benches developed in OB and Mineral.	
2c	Stripping ratio or ore to OB ratio	1:0.83	1:0.52	The deviation is due to change in location of OB development and production. Violation u/r rule 11(1) of MCDR-2017 issued for deviation in mining location.
2d	Quantity of topsoil generation in m3	NIL	NIL	
2e	Quantity of overburden generation in m3	587451.70 m ³	298682 m ³	Violation u/r rule 11(1) of MCDR-2017 issued for deviation in mining location and shortfall in OB generation.
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	There are one no mining pits of dimension 690m length X 372 m Width X 72 m depth as of 31.03.2024 with 3 nos. OB/Waste bench and 4 nos Ore bench.		

Exploitation

S.N.	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	one	One	Deviation in proposed Mining Location and actual has been observed and violation has been issued u/r 11(1) of MCDR-2017..
3b	Quantity of ROM mineral production proposed	1766308 MT	1419958 MT	
3c	Recovery of salable/usable mineral from ROM production	100%	100%	It was proposed to blend all the generated Mineral Reject.
3d	Quantity of mineral reject generation (Ton)	459906 T	0	Proposed MR generation is 26.037% of the total proposed ROM production for 2023-24. Violation u/r rule 11(1) of MCDR-2017 issued for deviation in mining location and shortfall in OB generation.
3e	Grade of mineral reject generation and threshold value declared	Cao-37.74%, MgO-6.77%	No mineral reject generation	Not generated due to change in mining location.
3f	Quantity of sub-grade mineral generation	NIL	NIL	
3g	Grade of sub-grade mineral generation	No proposal	No SG generation.	
3h	Manual / Mechanized method adopted for segregating from ROM	No such proposal approved for 2023-24	Segregation is not being practiced.	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No such proposal approved for 2023-24	Nil	
3j	Provision of drilling &	Drilling Dia: 115 mm	Drilling Dia: 1150 mm	

	blasting in mineral benches	Hole depth :9 m Spacing : 4.5 m Burden: 3.5 m Blast hole charge: 6.5 Ton/ kg Blasting Method: Slurry/ Emulsion/ANFO/Ratio of Primer/ booster charge and ANFO/column charge will be 10-20:90-80, MS delay detonators/ nonel/Relays with cordex detonating fuse/electric detonator	Hole depth :9 m Spacing : 4.5 m Burden: 3.5 m Blast hole charge: 6.5 Ton/ kg Blasting Method: Slurry/ Emulsion/ANFO/Ratio of Primer/ booster charge and ANFO/column charge will be 10-20:90-80, MS delay detonators/ nonel/Relays with cordex detonating fuse/electric detonator	
3k	Provision of mining machineries in mineral benches	Hydraulic Excavator 3.1 cum-02 Hydraulic Excavator 1.6 cum-01 Dumper 35 MT -03 Dumper 28 MT-08 Drill Machine-115mm-03 Rock Breaker-01 Dozer-01 Compactor-01 Water Tanker-01 Explosive van-3 tonnes-01 HSD Tanker-6KL-01	Hydraulic Excavator 3.1 cum-02 Hydraulic Excavator 1.6 cum-01 Dumper 35 MT -03 Dumper 28 MT-06 Drill Machine-115mm-02 Rock Breaker-01 Dozer-01 Compactor-01 Water Tanker-01 Explosive van-3 tonnes-01 HSD Tanker-6KL -01	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	OB-9m, Ore-9m Suitable.	OB-9m, Ore-9m Boom height of excavator is suitable for the bench height.	
3m	Total area covered under excavation/pits	25.46 Ha.	25.8740 Ha.	Violation u/r rule 11(1) of MCDR-2017 issued for deviation in mining location.
3n	Ore to OB ratio for the pit/mine during the year	1:0.83	1:0.52	The deviation is due to change in location of OB development and production. Violation u/r rule 11(1) of MCDR-2017 issued for deviation in mining location.
3o	Total area put in use under different heads at the end of year	66.10 Ha.	48.5245 Ha.	
3p	Production of ROM mineral during last five-year period,	2019-20:-1532657.00 MT 2020-21:-1512465.00 MT	2019-20:-1529595.00 MT 2020-21:-1214939.00 MT	

	as applicable	2021-22:- 1661123.00 MT 2022-23:- 1747410.00 MT 2023-24:- 1766308.00 MT	2021-22:- 1393596.00 MT 2022-23:- 1156008.00 MT 2023-24:- 1419958.00 MT	
3q	General remarks of inspecting officer on method of mining etc.	The mine is being operated by open cast mechanized method by adopting deep hole drilling and blasting in combination with deployment of excavators and tippers. Due land dispute and unacquired land proper mine development is hampering. Due to change in mining location wrt the approved proposal major deviation has been observed in generation of Mineral Reject, Waste and violation has been issued u/r 11(1) of MCDR-2017.		

Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	Separate dumping of OB and Mineral Reject to be done.	Separate dumping of OB (Sandstone and Red Soil) has been done.	
4b	Location of topsoil, OB & mineral reject dumps	OB(Sandstone) X-434456-434845, Y-2786225-2786113 Mineral Reject- X-435578-435446, Y-2785715-2785705	OB (Red Soil)-X-434560-435897, Y- 2786360-2785160, (Sandstone)- X-434761- 434561, Y- 2786224-2786354 Waste- X-435578-435446, Y-2785715-2785705	OB (red soil) is generated as a result of deviation in OB development location. Violation has been issued u/r 11(1) of MCDR-2017.
4c	Number of dumps within lease area and outside lease area	2nos. of waste dumps and One no. of Mineral reject dump within the mining lease area.	There are 2nos. of waste dumps and One no. of Mineral reject dump within the mining lease area.	There is no dump outside lease area.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Within UPL	Within UPL	Location of waste dump is within the Ultimate Pit Limit of the Mine. Due to presence of mineral below the waste dump, waste dumping is of temporary in nature.
4e	Number of active & alive dumps	Two no. waste dump and one Mineral reject dump within the Mining Lease area.	Within lease area at present there are Two no. waste dump and one Mineral reject dump.	All dumps are active.
4f	Number of dead dumps	NIL	NIL	
4g	Number of dumps stabilized	NIL	NIL	
4h	Whether Retaining wall or garland drain all along	Yes.	Yes	Cum. Retaining wall-698m, Garland drain-

	dumps are there			1032m. Garland drain has not been maintained hence violation u/r 37(2) of MCDR-2017 has been issued.
4i	Length of Retaining wall or garland drain all along dump	2023-24- Towards AE To AC Pillar-200M(L) x 1 m(B) x 1.50 m(H) Garland drain-200M(L) x 1 m(B) x 1 m(H)	Retaining Wall-162mt(L) X 1mt(B) x 1.50 mt (H), Garland Drain-155mt	Construction of Retaining Wall and Garland drain hampered due to heavy rain fall. Construction of Retaining Wall and Garland drain is under process.
4j	Number of settling ponds	1	2	
4k	Specific comments of inspecting officer on waste dump management.	Terracing of waste dump has been done. Retaining wall and garland drain constructed to prevent wash off. But as Garland drain has not been maintained hence violation u/r 37(2) of MCDR-2017 has been issued.		

Solid Waste Management-Backfilling

S.N.	Item	Proposals	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	No such proposal approved.	Mineral is yet to exhaust. No part of the lease is matured enough to start backfilling.	
5b	Area under backfilling of mined out area	No such proposal approved.	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No such proposal approved.	Top soil is being used for green belt development.	
5d	Total area fully reclaimed & rehabilitated	No such proposal approved.	Nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc	The mine was opened on 12/07/2017. Mineral is yet to exhaust. No part of the mining lease is matured to start backfilling, reclamation.		

Progressive Mine Closure Plan

S.N	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 23E(2). Details should be given in the format as given in Annexure-20.	As per rule 26 (2) PMCP report to be submitted before 1 st day of July every year	Yes, submitted along with AR(2023-24) submission on 30.06.2024 and also hard copy vide letter no. DCBL/Mines/2024-25/67 dated 30.06.2024	
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	No such proposal approved. i) NA	i) NA ii) NA iii) NA	Mineral yet to exhaust and the mining activity is in

	<p>v) Any other specific method of rehabilitation</p> <p>vi) Cost incurred on watch & care during the year</p>	<p>ii) NA</p> <p>iii) NA</p> <p>iv) NA</p> <p>v) Nil</p> <p>vi) NA</p>	<p>iv) NA</p> <p>v) Nil</p> <p>vi) NA</p>	<p>dynamic stage. Hence, no proposal of reclamation and rehabilitation of mined out benches by back filling and other means envisaged.</p>
6c	<p>Compliance on reclamation and rehabilitation by backfilling</p> <p>i) Voids available for backfilling (L X B X D)</p> <p>ii) Void filled by waste/tailings</p> <p>iii) Afforestation on the backfilled area</p> <p>iv) Rehabilitation by making water reservoir</p> <p>v) Any other specific means</p>	<p>No such proposal approved.</p> <p>i) NA</p> <p>ii) Nil</p> <p>iii) NA</p> <p>iv) NA</p> <p>v) Nil</p>	<p>i) NA</p> <p>ii) Nil</p> <p>iii) NA</p> <p>iv) NA</p> <p>v) Nil</p>	-do-
6d	<p>Compliance of Rehabilitation of waste land within lease</p> <p>i) Afforestation</p> <p>ii) Area rehabilitated (ha)</p> <p>iii) Method of rehabilitation</p>	<p>No such proposal approved.</p>	<p>There is no waste land as the entire lease area is mineralised. However against the proposal of 425 nos of sapling plantation within the 7.5m safety barrier over 0.30 Ha area, the lessee has completed plantation of 720 Nos in 0.51Ha during 2023-24.</p>	
6e	<p>Compliance of Environmental monitoring (core zone & buffer zone)</p>	<p>Quarterly Monitoring for Ambient Air Quality(6 locations), Noise Quality(4 locations) and water quality(4 locations), Ground Vibration study(1)</p>	<p>Environmental Monitoring is being done for Ambient Air Quality (9 locations-5core & 4 buffer), Noise Quality (13 locations-10core & 3 buffer) and water quality(5 locations-3core & 2 buffer), Ground Vibration(1), Fugitive Emission-4 core zone locations.</p>	
6f	<p>General remarks of inspecting officer on PMCP compliance & progressive closure operations</p>	<p>Lessee is doing regular environmental monitoring, green belt development in the 7.5m safety barrier zone.</p>		

Mineral Conservation

S.N.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM dispatch for captive use.	1419958 tonnes of ROM has been dispatched to plant crusher for captive use during 2023-24.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Proposal approved for segregation of mineral reject.	No sorting done.	During inspection it has been observed that the generated MR/SG has been simultaneously blended with high grade ROM which is evidenced from drill cut analysis. There is no separate stacking of MR/SG. Hence the entire Limestone ROM is of Cement Grade.
7c	Different grade of mineral sorted out at mines	No such proposal approved.	Produced Limestone (ROM) is of Cement Grade.	
7d	Any beneficiation process at mines	No such proposal approved as entire Limestone is feedable in the Cement Plant.	Nil	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	The Lessee has reported 100% recovery. Lessee has reported no generation of mineral reject as the same is being used for simultaneous blending with high grade ROM without stacking it separately. However violation u/r 11(1) of MCDR-2017 has been issued for sale/dispatch of 744.57 tonnes of unprocessed Mineral reject generated earlier to other parties without getting any approval through the Modification of Mining Plan.		

Environment

S.N.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	To be removed separately.	Nil during 2023-24	
8b	Concurrent use or storage of topsoil	Topsoil to be used for plantation and	No top soil generated.	

		additional quantity to be stored.		
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Separate dumps for overburden (2 nos) and one Mineral Reject dump.	Separate dumps for overburden (2 nos) and one Mineral Reject dump.	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No such proposal approved.	Nil as no part of the lease area is matured to start backfilling.	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No such proposal approved.	Nil	A total 698 m length Retaining wall and 1032 m Garland drain have been constructed along part of waste dump.
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Saplings: 425 (0.3 Ha) Within lease	Saplings:- 720 nos. (0.51 Ha.) within Lease	A total of 3440 nos. of saplings planted in the mine as on 31.03.2024.
8g	Survival rate	NA	WML- 80 %	
8h	Water sprinkling on roads to control airborne dust	Yes	There is provision of Static Water sprinkler and water tanker 12KL capacity is used to control the airborne dust.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Lessee is doing plantation in and around the mines to improve the aesthetic beauty of Mines and surrounding areas. Lessee has established 01 nos Continuous Ambient Air Quality Monitoring Stations (CAAQMS) within the mining lease area. As Garland drain has not been maintained hence violation u/r 37(2) of MCDR-2017 has been issued.		

Compliance of Rule 45

S.N	Item	COMMENTS	Remarks
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9a	Status of submission of Monthly and Annual returns	M.R. Submitted up to August-24. Annual return for FY2023-24 submitted on 30.06.2024.	

S.N.	Item	Details GIVEN in A.R.	Observation of I/ Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Shri Deo Prakash, Mining Engineer, Shri Prasenjit Chatterjee, Geologist & Shri Manoj Kumar Sinha, Mines Manager.	Mining Engineer:- Shri Deo Prakash (Date of joining:- 19.01.2024) Shri Prasenjit Chatterjee- Geologist(Date of joining:- 04.04.2023) Shri Manoj Kumar Sinha- Mines Manager (Date of joining:- 06.01.2024)	Sishupal Singh- Manager and Mining Engineer resigned on 07.12.2023.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Pit : 25.874 Ha. Waste dump: 18.330 Ha. Infrastructure & road: 2.703 Ha. Green Belt: 1.618 Ha. Total: 48.525 Ha.	Pit : 25.874 Ha. Waste dump: 18.330 Ha. Infrastructure & road: 2.703 Ha. Green Belt: 1.618 Ha. Total: 48.525 Ha.	Violation issued u/r 11(1) of MCDR-2017 for installation of crushing unit without any approval in the RMP.
9d	Scrutiny of Annual return on afforestation	Saplings : 720 nos.(WML) & 320 (OML)	Crossed checked it from the Plantation register and found it correct.	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil	No Mineral Reject generated.	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Opening stock- 0.00 Production- 1419958.00 T Despatch:- 1419958.00 T Closing Stock- 0.00 There is no separate stock for graded ore.	Crossed checked it from production, Despatch, Stock register and found it correct.	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Ex-Mine Price- Rs. 345.01 Rupees/ton	Ex-Mine Price- Rs. 345.01 Rupees/ton	Violation issued u/r 45(7) of MCDR-2017 for providing incorrect data towards Sale Price of

				Limestone even though the Umsoo Mootang Limestone Mine is a captive mine and for not submitting the sale value of 744.57 tonnes of Mineral Reject (Limestone).
9i	Scrutiny of Annual return on fixed assets	Rs. 944338130/-	The submitted details is in respect of 5 mines of the lessee.	
9k	Scrutiny of Annual return on mining machineries	<ol style="list-style-type: none"> 1. Shovel-3.46m3-1 no 2. Backhoe-3.1m3-2no 3. Dumper-28 tonners-6no 4. Tipper-35 tonners-3no 5. Rock drill-115mm-2no 6. Air compressor-450m3/min-2 7. Crusher-250TPH-1no 8. Dozer-160HP-1no 	<ol style="list-style-type: none"> 1. Shovel-3.46m3-1 no 2. Backhoe-3.1m3-2no 3. Dumper-28 tonners-6no 4. Tipper-35 tonners-3no 5. Rock drill-115mm-2no 6. Air compressor-450m3/min-2 7. Crusher-250TPH-1no 8. Dozer-160HP-1no 	

Details of violations observed during current inspection and compliance position of earlier violation pointed out:-Violation issued on 29.09.2022 for rule 11(1) of MCDR-2017 is complied. Violation issued on 28.04.2023 for rule 63(1), 48(1), 34A(1) of MCDR-2017 are complied except rule 11(1). In respect of the current inspection violation has been issued for rule 11(1), 37(2), 45(7) of MCDR-2017.

Subrata Kumar Muduli
Senior Mining Geologist
(Name of inspecting officer with designation and date)