MCDR INSPECTION REPORT

S. No	MCDR INSPECTION REPO Particulars	Details
1	Name of the Mine	Durga Mineral Corporation Mica, Quartz, Feldspar & Vermiculite Mine
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	7.186 ha (Non - Forest area).
3	Mine code	49APR15046
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM / 6188 / 2011
5	Name of the lessee, Address, phone, email and fax number	Smt.G.Aruna, M/s.Durga Mineral Corporation, Flot No. 201, 3 rd Floor, Garudadri Empire Gopuram street, Ranganayakulapet, Nellore-524 001.
6	Village	Jogipalli
7	Taluk/Mandal	Sydapuram
8	District	SPSR Nellore
9	Pincode	524 407
10	State	Andhra Pradesh
11	Post office	Utukuru
12	Nearest police station	Sydapuram
13	Nearest Railway station	Guduru
14	Date of Grant of Mining Lease	07.09.2000
15	Date of Execution	25.01.2002
16	Date of opening of Mine	29.05.2002
17	Date of first Renewal, if applicable and its period & expiry	Not applicable
18	Date of second Renewal, if applicable and its period & expiry	Not applicable
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Not applicable
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Not applicable
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	None
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	None
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	None
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	None
25	Date of Approval of Mining Plan/ Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Mining Plan Approved by Indian Bureau of Mines, Hyderabad on 25.06.2001
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Mining Plan Approved by Indian Bureau of Mines, Hyderabad on 25.06.2001
27	Mineral(s) granted in lease and proved for mining	Mica, Feldspar, Quartz & Vermiculite
28	Method of Mining(Opencast, Underground)	Opencast
29	Category (Fully Mechanised, Others or Manual)	Others (B-category)
30	Captive/ Non captive	Non Captive

30 Captive/ Non captive Non 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

S.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine, no proposals.	As on date of Inspection mine is not working.	Violation of rule 11(1) & 11(4) of MCDR 2017 is being pointed out.
1b	Exploration over lease area for Geological axis 1 or 2.	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine, no proposals.	0.80 ha.	Violation of rule 11(1) & 11(4) of MCDR 2017 is being pointed out
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Not available	As on date of Inspection mine is not working.	As on date of Inspection mine is not working.
1d	Balance area to be explored to bring Geological axis in 1 or 2	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine, no proposals.	6.38 ha.	Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out.
1e	Balance reserves as on 01.04.2017 *	*The updated reserves are not furnished due to non-receipts of returns. The draft violation letter for 45 (5)(b)(i) & 45 (5)(c)(i) is being sent to RCOM, IBM, Secunderabad for further action.	As on 01.04.2001 Quartz = 3834 t Feldspar =124855 t Vermiculite= 840 t	*The updated reserves are not furnished due to non-receipts of returns. The draft violation letter for 45 (5)(b)(i) & 45 (5)(c)(i) is being sent to RCOM, IBM, Secunderabad for further action.
1f	General remarks of inspecting officer on geology, exploration etc.	As on date of Inspection mine is not working.	The dimensions of existing pits are given below: 1.100x20x20 2.80x20x20 (old pit water logged) 3. 70x50x8 (old pit water logged) 4. 40x20x30 (old pit water logged) 5.15x08x10(WL) All above pits are waterlogged	The validity of approved Scheme of Mining was expired and no further SOM is submitted. As such violation of rule 11(1) & 11(4) of MCDR 2017 is being pointed out. The status of existing pits are furnished. Mine is not working.

Development

S.N.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	Centre of the lease area.	Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out. As on date of inspection mine is not working.
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	Two benches in overburden and one bench in Ore OBdumps=03 0.09 ha.	Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out. As on date of inspection mine is not working.
2c	Stripping ratio or ore to OB ratio	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	As on date of Inspection mine is not working.	Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out.
2d	Quantity of topsoil generation in m3	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	2760 cu.m	Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out.
2e	Quantity of overburden generation in m3	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	As on date of Inspection mine is not working.	Violation of rule 11(1) & 11(4) of MCDR 2017 is being pointed out.
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	As on date of Inspection mine is not working.	As on date of Inspection mine is not working.	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine. Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out. During inspection, it is noticed that mine is not working.

Exploitation

Exploita [·] S.N.	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	The dimensions of existing pits are given below: 1.100x20x20 2.80x20x20 (old pit water logged) 3. 70x50x8 (old pit water logged) 4. 40x20x30 (old pit water logged) 5. 15x08x10 All above pits are waterlogged	Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out.
3b	Quantity of ROM mineral production proposed	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	Mine is not working	Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out
3c	Recovery of salable/usable mineral from ROM production	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	Since this being a manual mine, the mineral is sorted out at face itself.	Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out
3d	Quantity of mineral reject generation	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine.	There is no generation of mineral rejects .As on date of inspection mine is not working.	Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out
3e	Grade of mineral reject generation and threshold value declared	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	As on date of Inspection mine is not working.	Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out
3f	Quantity of sub- grade mineral generation	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	There is no sub grade stack exists in the lease area.	Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out
3g	Grade of sub-grade mineral generation	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	There is no sub grade stack exists in the lease area.	Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out
3h	Manual / Mechanised method adopted for segregating from ROM	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	Manual method of Mining.	Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out

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3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Validity of Mining Plan for this mine is expired on 31.03.2015 and no valid document for this mine	No.	Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out
3j	Provision of drilling & blasting in mineral benches	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	Mine is not working.	Violation of rule 11(1) & 11(4) of MCDR 2017 is being pointed out
3k	Provision of mining machineries in mineral benches	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	Mine is not working.	Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out
31	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	Mine is not working.	Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out
3m	Total area covered under excavation/pits	Validity of Mining Plan for this mine is expired on 31.03.2015 and no valid document for this mine	0.80 ha.	Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out
3n	Ore to OB ratio for the pit/mine during the year	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine		Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out
30	Total area put in use under different heads at the end of year	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	0.85 ha	Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out
3p	Production of ROM mineral during last five-year period, as applicable	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	2012-13= Mica Scrap= 500 t Quartz= - Feldspar= - Vermiculite= 2600 t 2013-14= Mica Scrap=8t Quartz=- Feldspar=30t Vermiculite=- 2014-15= Mica=3700Kg Quartz= Feldspar=- Vermiculite= - 2015-16= Mica= - Quartz=- Feldspar=- Vermiculite= - 2016-17= Mica= - Quartz= - Feldspar=- Vermiculite= - 2016-17= Mica= - Quartz= - Feldspar=- Vermiculite= -	As on date of inspection, no valid document. * The annual returns for the year 2016-17 not submitted. Accordingly, The draft violation letter for 45 (5)(b)(i) & 45 (5)(c)(i) is being sent to RCOM, IBM, Secunderabad for further action.

inspecting officer on method of mining etc. mine is expired on 31.03.2006 and no valid document for this mine mine is expired on 31.03.2006 and no valid document. MCDR 201 pointed out
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S.N.	ltem	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	Validity of Mining Plan for this mine is expired on 31.03.2006 and n o valid document for this mine	There is no generation of topsoil. Mine is not working	As on date of inspection, no valid document. Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out
4b	Location of topsoil, OB & mineral reject dumps	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	Does not arise No topsoil. There is no generation of mineral rejects.	As on date of inspection, no valid document. Violation of rule 11(1) & 11(4) of MCDR 2017 is being pointed out
4c	Number of dumps within lease area and outside lease area	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	There are three old dumps and located in the lease area.	As on date of inspection, no valid document. Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	The old dumps located on northern, western and eastern side of the Old pit -2	As on date of inspection, no valid document. Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out
4e	Number of active & alive dumps	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	Three old dumps existed. Mine is not working	As on date of inspection, no valid document. Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out
4f	Number of dead dumps	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	Three old dumps existed. Mine is not working	As on date of inspection, no valid document. Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out
4g	Number of dumps estabilized	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	One established, ,western side within the lease area. Mine is not working	As on date of inspection, no valid document. Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out
4h	Whether Retaining wall or garland drain all along dumps are there	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	As on date of Inspection mine is not working.	Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out. Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out

Solid Waste Management-Backfilling

S.N.	Item	Proposals	Actual work	Remarks
5а	Status on part or full extraction of mineral from mined out area before starting backfilling	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	Pits are not yet matured for backfilling. Mine is not working.	As on date of inspection, no valid document. Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out
5b	Area under backfilling of mined out area	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	Does not arise. Mine is not working	As on date of inspection, no valid document. Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	There is no top soil observed. The waste reported to be utilized in road formation.	As on date of inspection, no valid document. Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out
5d	Total area fully reclaimed & rehabilitated	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	As on date of Inspection mine is not working.	As on date of inspection, no valid document. Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out
5e	General remarks of inspecting officer on backfilling, reclamation etc	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	The ML area is yet to mature for backfilling and reclamation.	As on date of inspection, no valid document. Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out

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.	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	As on date of inspection, Mine is not working.	As on date of inspection, no valid document. Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out
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	alidity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	30 Plants are Planted during 2016-17. As on date of inspection, Mine is not working. Cumulative plants About 1300	As on date of inspection, no valid document. Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out.

6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D) ii) Void filled by waste/tailings iii) Afforestation on the backfilled area iv) Rehabilitation by making water reservoir v) Any other specific means	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	As on date of inspection, Mine is not working.	As on date of inspection, no valid document. Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	As on date of inspection, Mine is not working.	As on date of inspection, no valid document. Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	As on date of inspection, Mine is not working.	As on date of inspection, no valid document. Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out
6f	General remarks of inspecting officer on PMCP compliance & progressive closure operations	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	As on date of inspection, Mine is not working.	As on date of inspection, no valid document. Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out

Mineral Conservation

S.N.	Item	Proposals	Actual work	Remarks
	ROM Mineral dispatch or grade- wise sorting within lease area	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	As on date of inspection, Mine is not working.	As on date of inspection, no valid document. Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine.	Manual As on date of inspection, Mine is not working.	As on date of inspection, no valid document. Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out.
7c	Different grade of mineral sorted out at mines	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	As on date of inspection, Mine is not working	As on date of inspection, no valid document. Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out

Environment

S.N.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	As on date of inspection, Mine is not working	As on date of inspection, no valid document. Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out.
8b	Concurrent use or storage of topsoil	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	As on date of inspection, Mine is not working.	As on date of inspection, no valid document. Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	As on date of inspection, Mine is not working The waste reported to be utilized in road formation.	As on date of inspection, no valid document. Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	As on date of inspection, Mine is not working The waste reported to be utilized in road formation	As on date of inspection, no valid document. Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	As on date of inspection, Mine is not working	As on date of Inspection mine is not working.
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	Existing Plants=1300 30 Plants are Planted during 2016-17.	As on date of Inspection mine is not working.
8g	Survival rate	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine	80%	As on date of Inspection mine is not working.
8h	Water sprinkling on roads to control airborne dust	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine.	As on date of inspection, Mine is not working	As on date of Inspection mine is not working.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Validity of Mining Plan for this mine is expired on 31.03.2006 and no valid document for this mine.	As on date of inspection, Mine is not working	As on date of inspection, no valid document. Violation of rule 11(1) & 11(4) of MCDR 2017is being pointed out.

Compliance of Rule 45

S.N.	Item		COMMENTS		Remarks	
9	Status of submission of Monthly and Annual returns		M.R. Submitted up to August 2016 Annual returns submitted up to 2015- 16		The draft violation letter for 45 (5) (b)(i) & 45 (5)(c)(i) is being sent to RCOM, IBM, Secunderabad for further action.	
S.N.	Item	Details in A.R.	GIVEN 2015-16	Observation of	of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Not appointed		Draft Violation letter is being sent to RCOM, IBM, Secunderabad for further action.		appointment of manager and
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	ha. Reclaimed =3.286 ha		Pits=0.80 ha. Dumps=0.09 Roads, buildings=0.50 ha		As on date of inspection, no valid document and Mine is not working.
9d	Scrutiny of Annual return on afforestation	Details given.	not		uring the	observed during the inspection
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Not given		No generation rejects.	of Mineral	No generation of Mineral rejects.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Not given.		Total ROM 15000 T		As on date of inspection, no valid document and Mine is not working.
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Production Cost= Rs.208776.00		Annual Return submitted for 2015-16 with nil production and thus is no sale value, ex. mine price etc have been furnished.		
9i	Scrutiny of Annual return on fixed assets	Not furnished		As on date of inspection, no valid document and Mine is not working.		•
9k	Scrutiny of Annual return on mining machineries	Nil		As on date of inspection, no valid document and Mine is not working.		As on date of inspection, no valid

Details of violations observed during current inspection and compliance position of earlier violation pointed out:

The last MCDR inspection was carried out on 03.06.2016 and violation of rules 12(3), 13(1), 24, 42(1)(b)(ii), 45(5)(a)(vi), & 45(5)(b)(vi) were pointed out. As per office records, party complied the rule 45(5)(a) & 45(5)(b)(vi) and rest not complied.

Further, on scrutiny of office records IBM, Hyderabad, Violation cum Show cause Notice has been issued to party for violation of rules 12(3) & 13(1) on 19.12.2012. But party not complied the rules and mining operations were suspended by RCOM, IBM, Hyderabad vide letter No. 10(10)/NLR/11/HYD dated 29.01.2013 for non compliance of violations pointed out.

During current inspection contravention of rules 11(1), 11(4), 27(2), 45(5)(b)(i) & 45(5)(c)(i) of MCDR, 2017 were observed and accordingly draft violation letter is being sent to RCOM, Secunderabad for further action

(D.P.RAVIKUMAR) Assistant Mining Geologist

(Name of inspecting officer with designation and date