

UTHAPPANAIKANUR - MCDR INSPECTION REPORT

	Name of the inspecting officer, designation	Sri.G.Sornadurai Kannan, Sr.Mining Geologist, Indian Bureau of Mines,
	Date of inspection:	05/07/2024
	Accompanied mine official and designation	Thiru. Shanmugam, Lessee Representative
Mine file No. TN/MDR/LST-30.MDS		
S.N.	Particulars	
1	Name of the Mine	Uttappanaickanur Limestone Mine
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	1.21 Ha (Non forest Land)
3	Mine code	38TMN0615
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/5305/2011
5	Name of the lessee, Address, phone, email and fax number	Tmt. S.Sanathi, M/s. Suriya Industrial Minerals, No-3/216, K.S.V. Nagar, Narasothipatti, Salem, Tamilnadu. E Mail:- suriyakumar_mining@yahoo.co.in
6	Village	Uttappanaickanur
7	Taluka/Mandal	Usilampatti
8	District	Madurai
9	Pin code	
10	State	TamilNadu
11	Post office	Usilampatti
12	Nearest police station	Usilampatti
13	Nearest Railway station	Usilampatti
14	Date of Grant of Mining Lease	13.08.1999
15	Date of Execution	06.01.2000
16	Date of opening of Mine	06.01.2000
17	Date of first Renewal, if applicable and its period & expiry	Nil
18	Date of second Renewal, if applicable and its period & expiry	Nil
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Nil
20	Name of the Nominated Owner with Address, phone, email, fax number and Date of appointment	Tmt. S.Sanathi, M/s. Suriya Industrial Minerals, No-3/216, K.S.V. Nagar, Narasothipatti, Salem, Tamilnadu. E Mail:- suriyakumar_mining@yahoo.co.in
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Nil
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Nil
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Nil

24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	S. Suriyakumar (Geologist), Full time with I class manager
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Mining Plan Approval date: 09/01/1999
		Scheme of Mining : 14/07/2005
		Scheme of Mining : 06/05/2015
		Scheme of Mining : 15/11/2011
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Nil
27	Mineral(s) granted in lease and proved for mining	Limestone
28	Method of Mining (Opencast, Underground)	Opencast
29	Category (Fully Mechanised, Others or Manual)	“B” category Manual
30	Captive/Non Captive	Non Captive

SCIENTIFIC MINING

Sl. No	Item	Proposals	Actual Work	Remarks
A. EXPLORATION:-				
1a	Backlog of Previous Year	No Borehole has been proposed during 2023-2024	No Boreholes has drilled	The mine is not in operation from 2017-2018.
1b	Exploration Over Lease area for Geological Axis 1 or 2	No proposal for the year 2023-2024.	Nil	Entire lease area is proved under G-1 category.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No Proposal for exploration during 2023-2024	No Boreholes has been drilled	So far 2 Boreholes has been drilled during 2015-2016.
1d	Balance area to be explored to bring Geological axis 1 or 2	Exploration was not proposed during 2023-2024.	No Exploration has been carried out during 2022-2023.	The mine is not in operation from 2017-2018.
1e	Balance reserves as on 01/04/2022	As on 01.04.2024 Proved Mineral Reserves (111) = 73710 tons Pre-Feasibility Mineral Resources (221) = 66276 tons.	As on 01.04.2024 Proved Mineral Reserves (111) = 73710 tons Pre-Feasibility Mineral Resources (221) = 66276 tons.	Limestone used for fertilizer industry. The mine is not in operation for 2017-2018.
1f	General remarks of inspecting officer on geology, exploration etc.	It is part of Archean complex of peninsular gneiss.	Limestone occur as outcrops with intermittent topsoil capping and with interclastic rejects of biotite schist & quartz veins.	Limestone is white colour with more magnesium.

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B. DEVELOPMENT:-				
2a	Location of development w.r.t. lease area	There is no development proposal during 2023-24.	Nil	The mine is not in operation from 2017-2018.
2b	Separate benches in topsoil, overburden and mineral	Mineral bench – I & II	Nil	The mine is not in operation from 2017-2018.
2c	Stripping ratio or ore to OB ratio	1 : 0.25	Nil	The mine is not in operation from 2017-2018.
2d	Quantity of topsoil generation in m3	No Proposal during 2023-24	Nil	The mine is not in operation from 2017-2018.
2e	Quantity of overburden generation in m3	No Proposal during 2023-24	Nil	The mine is not in operation from 2017-2018.
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	No Proposal for Topsoil & development quantity during 2023-24	As per office records, this mines is non-working from 2017-2018	The mine is not in operation from 2017-2018 for statutory clearance.

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C. EXPLOITATION:-				
3a	Number of Pit Proposed for Production	It is proposed to work in between section line X3Y3 to X4Y4 during 2023-24.	Nil	The mine is not in operation from 2017-2018.
3b	Quantity of ROM mineral production proposed	7553 tons of ROM	Nil	The mine is not in operation from 2017-2018.
3c	Recovery of Sailable/ Usable Mineral from ROM Production	6042 tons of saleable ore during 2023-2024	Nil	The mine is not in operation from 2017-2018.
3d	Quantity of mineral reject generation	1511 tons of Mineral rejects during 2023-2024	Nil	The mine is not in operation from 2017-2018.
3e	Grade of mineral reject generation and threshold value declared	High Silica	Nil	The mine is not in operation from 2017-2018.

3f	Quantity of sub-grade mineral generation	No Proposal during 2023-2024	Nil	The mine is not in operation from 2017-2018.
3g	Grade of sub-grade mineral generation	No Proposal during 2023-2024	Nil	The mine is not in operation from 2017-2018.
3h	Manual / Mechanised method adopted for segregating from ROM	Manual method	Nil	The mine is not in operation from 2017-2018.
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No Proposal during 2023-2024	Nil	The mine is not in operation from 2017-2018.
3j	Provision of drilling & blasting in mineral benches	Drilling & Blasting has been proposed.	Nil	The mine is not in operation from 2017-2018.
3k	Provision of mining machineries in mineral benches	No heavy earth machinery has been proposed.	Nil	The mine is not in operation from 2017-2018.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	3m height benches has been proposed during 2023-2024	Nil	The mine is not in operation from 2017-2018.
3m	Total area covered under excavation/pits	3.50 hectares	1.61 hectares	Existing pit. The mine is not in operation from 2017-2018.
3n	Ore to OB ratio for the pit/mine during the year	1 : 0.25	Nil	The mine is not in operation from 2017-2018.
3o	Total area put in use under different heads at the end of year	Land use Pattern as on 01.04.2024. Mines = 0.50 hect Road = 0.03 hect	Land use Pattern as on 01.04.2024. Mines = 0.35 hect Road = 0.02 hect	Landuse Pattern is updated based on submitted draft RMP
3p	Production of ROM mineral during last five-year period, as applicable	2023-2024 = 7553 tons 2022-2023 = 7575 tons 2021-2022 = 7560 tons 2020-2021 = 7500 tons 2019-2020 = 2500 tons	2022-2023 = Nil 2021-2022 = Nil 2020-2021 = Nil 2019-2020 = Nil 2018-2019 = Nil	The mine is not in operation from 2017-2018 for want of statutory clearance.
3q	General remarks of inspecting officer on method of mining etc.	It is proposed to work in single pit during 2023-24.	As per office records, this mines is non-working from 2017-18	The mine is not in operation from 2017-2018 for statutory clearance.

Sl. No	Item	Proposals	Actual Work	Remarks
D. SOLID WASTE MANAGEMENT - DUMPING:-				
4a	Separate Dumping of Topsoil, OB and Mineral Rejects	Proposed Separate Dumping for Mineral Rejects	Nil	The mine is not in operation from 2017-2018.
4b	Location of Topsoil, OB and Mineral Rejects Dumps	Southern side of lease area	Nil	The mine is not in operation from 2017-2018.
4c	Number of Dumps within Lease & Outside Lease area	One within lease area	Nil	The mine is not in operation from 2017-2018.
4d	Location of Dumps, within Ultimate Pit Limit (Rule-16)	Temporary dumping within UPL	Nil	The mine is not in operation from 2017-2018.
4e	Number of Active & Alive Dumps	One	Nil	The mine is not in operation from 2017-2018.
4f	No of Dead Dumps	No Proposal	Nil	The mine is not in operation from 2017-2018.
4g	No of Dumps Established	No Proposal	Nil	The mine is not in operation from 2017-2018.
4h	Whether Retaining Wall or Garland drain along Dumps are there	No Proposal	Nil	The mine is not in operation from 2017-2018.
4i	Length of Retaining Wall or Garland drain along Dumps	No Proposal	Nil	The mine is not in operation from 2017-2018.
4j	No of Settling tanks	No Proposal	Nil	The mine is not in operation from 2017-2018.
4k	Specific comments of inspecting officer on waste dump management	Proposed Separate Dumping for Mineral Rejects	As per office records, this mines is non-working from 2017-2018	The mine is not in operation from 2017-2018 for statutory clearance.

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E. SOLID WASTE MANAGEMENT - BACKFILLING:-				
5a	Status of part or full extraction of mineral from mined out area before starting backfilling	No Backfilling has been proposed during 2023-2024	No backfilling has done during 2023-2024	The mine is not in operation from 2017-2018.
5b	Area under backfilling of mined out area	No Proposal	Nil	The mine is not in operation from 2017-2018.
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No Proposal	Nil	The mine is not in operation from 2017-2018.
5d	Total area fully reclaimed and rehabilitated	No Proposal	Nil	The mine is not in operation from 2017-2018.
5e	General remarks of inspecting officer on backfilling, reclamation etc	No Backfilling has been proposed during 2023-2024	As per office records, this mines is non-working from 2017	The mine is not in operation from 2017-2018 for statutory clearance.

Sl. No	Item	Proposals	Actual Work	Remarks
F. PROGRESSIVE MINE CLOSURE PLAN:-				
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.	It should be on or before 1 st July every year.	Not Submitted for the year 2023-2024.	The mine is not in operation from 2017-2018.
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	i) No Proposal ii) No Proposal iii) No Proposal iv) No Proposal v) No Proposal vi) No Proposal	i) Nil ii) Nil iii) Nil iv) Nil v) Nil vi) Nil	The mine is not in operation from 2017-2018.
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D) ii) Void filled by waste/ tailings	i) No Proposal ii) No Proposal	i) Nil ii) Nil	The mine is not in operation from 2017-

	iii) Afforestation on the backfilled area iv) Rehabilitation by making water reservoir v) Any other specific means	iii) No Proposal iv) No Proposal v) No Proposal	iii) Nil iv) Nil v) Nil	2018.
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	i) 50 saplings proposed along the safety barrier of lease area for 2023-2024 ii) proposed 0.07 ha of safety barrier in lease area for 2023-2024 iii) Afforestation on safety zone	i) No saplings have been planted within lease area during 2023-2024. ii) No plantation has been planted. iii) No Plantation has been done as per proposal along the safety barrier.	The mine is not in operation from 2017-2018.
6e	Compliance of Environmental monitoring (core zone & buffer zone)	No Proposal	Nil	Nil
6f	General remarks of inspecting officer on PMCP compliance & progressive closure operations	50 saplings proposed along the safety barrier of lease area for 2022-2023	No Plantation has been done as per proposal along the safety barrier.	The mine is not in operation from 2017-2018 for statutory clearance.

Sl. No	Item	Proposals	Actual Work	Remarks
G. MINERAL CONSERVATION:-				
7a	ROM mineral dispatch or grade wise sorting within lease area	The total target of ROM Production proposed was 7553 tons during 2023-2024.	Nil	The mine is not in operation from 2017-2018.
7b	Method of Grade-wise mineral sorting i.e. manual or mechanical	There is no proposal for grade wise mineral sorting in the lease area.	Nil	The mine is not in operation from 2017-2018.
7c	Different grade of mineral sorted out at mines	Limestone used for fertilizer industry.	Nil	The mine is not in operation from 2017-2018.
7d	Any beneficiation process at mines	Crushing & Screening process at outside the lease area	Inside the lease area there is no beneficiation process.	The mine is not in operation from 2017-2018.
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	The total target of ROM Production proposed was 7553 tons during 2023-2024.	Limestone used for fertilizer industry.	The mine is not in operation from 2017-2018 for statutory clearance.

Sl. No	Item	Proposals	Actual Work	Remarks
H. ENVIRONMENT:-				
8a	Separate removal and utilization of topsoil	No Proposal during 2023-2024	Nil	The mine is not in operation from 2017-2018.
8b	Concurrent use or storage of topsoil	No Proposal during 2023-2024	Nil	The mine is not in operation from 2017-2018.
8c	Separate dumps for overburden, waste rock, rejects and fines	Proposed Separate Dumping for Mineral Rejects	Nil	The mine is not in operation from 2017-2018.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No Proposal during 2023-2024	Nil	The mine is not in operation from 2017-2018.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No Proposal during 2023-2024	Nil	The mine is not in operation from 2017-2018.
8f	Baseline information on existence of plantation & additional plantation done	50 saplings proposed along the safety barrier of lease area for 2023-2024	No saplings have planted within lease area during 2022-2023.	The mine is not in operation from 2017-2018.
8g	Survival rate	No Proposal during 2023-2024	Nil	The mine is not in operation from 2017-2018.
8h	Water sprinkling on roads to control airborne dust	Yes, it is proposed.	Nil	The mine is not in operation from 2017-2018.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Scanty vegetation, bushes, neem are observed in lease area	Degraded Mining Land	Outside lease area, agriculture is done with drift irrigation.

Sl. No	Item	Comments	Remarks	
I. COMPLIANCE OF RULE-45:-				
9a	Status of Submission of Monthly & Annual Returns	MR & AR are not Submitted	Annual & Monthly returns are submitted in online	The mine is not in operation from 2017-2018.

Sl. No	Item	Details Given in A.R	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Nil	Monthly & Annual Returns has not submitted.	Mine is not working from 2017-2018 for want of Statuary Clearance.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Nil	Monthly & Annual Returns has not submitted.	Mine is not working from 2017-2018 for want of Statuary Clearance.
9d	Scrutiny of Annual return on afforestation	Nil	Monthly & Annual Returns has not submitted.	Mine is not working from 2017-2018 for want of Statuary Clearance.
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil	Monthly & Annual Returns has not submitted.	Mine is not working from 2017-2018 for want of Statuary Clearance.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Nil	Monthly & Annual Returns has not submitted.	Mine is not working from 2017-2018 for want of Statuary Clearance.
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Nil	Monthly & Annual Returns has not submitted.	Mine is not working from 2017-2018 for want of Statuary Clearance.
9h	Scrutiny of Annual return on fixed assets	Nil	Monthly & Annual Returns has not submitted.	Mine is not working from 2017-2018 for want of Statuary Clearance.
9k	Scrutiny of Annual return on mining machineries	Nil	Monthly & Annual Returns has not submitted.	Mine is not working from 2017-2018 for want of Statuary Clearance.

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

There is no Violation pointed out because of mine is not working for want of statutory clearance.

G.S.Kannan
Senior Mining Geologist