



SAGAR CEMENTS LIMESTONE MINE OF SAGAR CEMENTS LIMITED

**An ISO 9001:2015, 14001:2015, 45001:2018, 50001:2018 &
Green Co-Gold Certified Company**

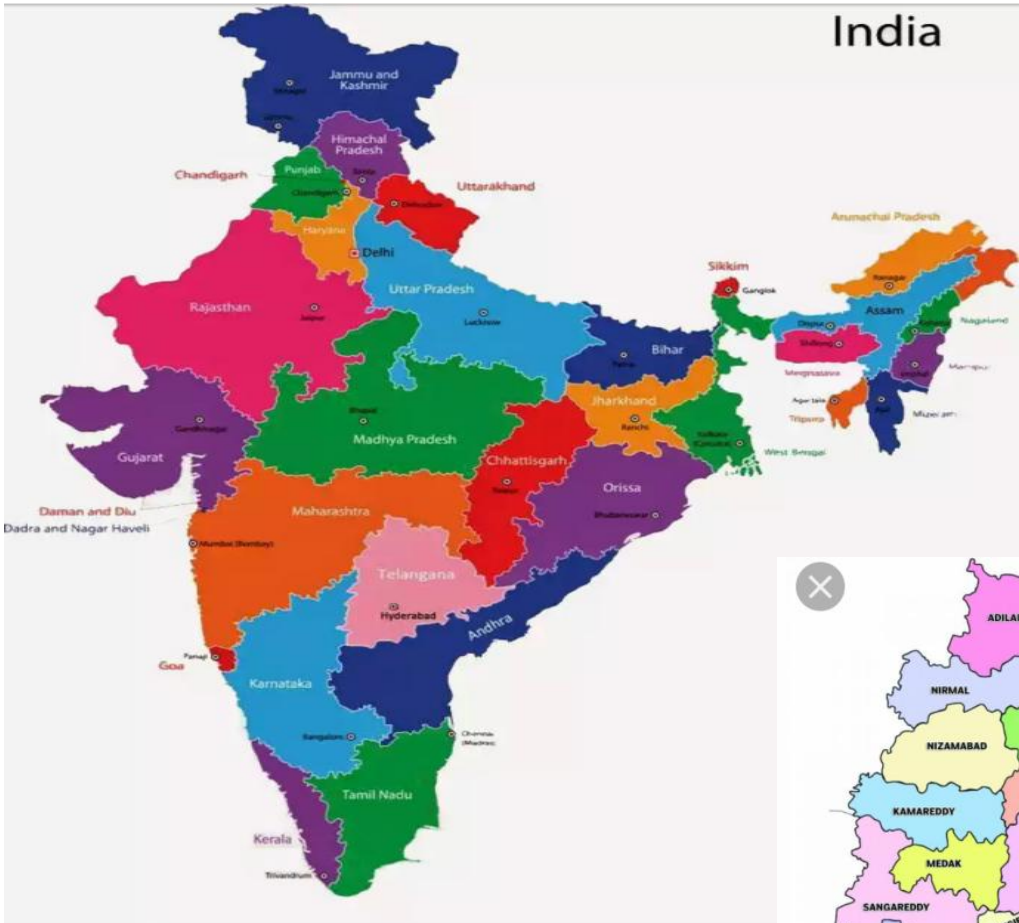


Sustainable Development Framework (SDF) and CSR Initiatives

2025-26



SAGAR CEMENTS LIMITED PLANT LOCATION



Suryapet District



PLANT

Sagar Cements Ltd., was promoted by a group of technocrats headed by Shri K.V Vishnu Raju, Chairman, Shri S Anand Reddy, Managing Director, Shri S.Sreekanth Reddy, Joint Managing Director.

Sagar Cements Ltd., is located in Suryapet district of Telangana State, the company manufacturing various types of Cement like Ordinary Portland Cement of 53 grade, 43 grade, Portland Pozzalona Cement (PPC) and Sulphate Resistance Cement (SRC) to suit different needs of customers and all these products are being sold under the brand name “SAGAR CEMENTS” which has already become popular in Telangana & Andhra Pradesh and in the neighboring states as well.

The company has started its operation with a cement capacity of 66,000 TPA in 1985 has gradually increased it to the level of 2.65 MTPA Clinker production capacity. At present, the limestone requirement for these existing Clinkerisation Unit is 3.71 Mil.Tons which is being met from (1) Sagar Cements Limestone Mine-I & Sagar Cements Limestone Mine –II.

DETAILS OF NABL & CII ACCREDITATION

- Cement & Coal Testing Laboratory is Accredited to ISO/IEC 17025 by NABL since Jun-2015.
- Accreditation brings enhanced competency in testing, raises customer confidence in MTC issued by the laboratory with universal acceptability in the open market which provides greater access for the products.



INTEGRATED MANAGEMENT SYSTEM (IMS) CERTIFICATION DETAILS



Sagar Cements Ltd., Mattampally unit is IMS certified since 13th June 2014 includes;

- Quality Management System
- Environmental Management System
- Occupational Health & Safety
- IMS allows the management team to create one system that can help to effectively and efficiently deliver Organizational goals
- : ISO 9001 - 2015
- : ISO 14001 - 2015
- : ISO 45001:2018 & 50001:2018

Bureau Veritas Certification

SAGAR CEMENTS LIMITED

Head Office: PLOT NO.111, ROAD NO.10, JUBILEE HILLS, HYDERABAD – 500 033, TELANGANA, INDIA.

This is a multi-site certificate, additional site(s) are listed on the next page(s)

Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above Organisation has been audited and found to be in accordance with the requirements of the Management System Standards detailed below.

Standards

ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 & ISO 50001:2018

Scope of certification

MINING OF LIMESTONE, MANUFACTURE, DISPATCH OF CLINKER, CEMENT AND POWER GENERATION. MANUFACTURE, DISPATCH OF CEMENT AND GROUND GRANULATED BLAST FURNACE SLAG (GGBS).

Original cycle start date for ISO 9001 & ISO 14001: **13 June 2014**
Previously certified to BS OHSAS 18001 by another certification body since: **13 June 2014**
Original cycle start date for ISO 45001: **13 June 2020**
Original cycle start date for ISO 50001: **20 June 2024**
Recertification cycle start date: **04 January 2026**
Subject to the continued satisfactory operation of the Organisation's Management System, this certificate is valid until: **23 May 2028**
Certificate No. **IND.25.527/IM/U** Version: **1** Issue date: **04 January 2026**

Signed on behalf of BVCH SAS UK Branch
Dr. JN MANIAN
Director – **CERTIFICATION, South Asia**
Commodities, Industry & Facilities Division

Certification body address: 5th Floor, 100 Lower Thames Street, London, EC3R 6DL, United Kingdom.

Local office: Bureau Veritas (India) Private Limited (Certification Business)
72 Business Park, Marol Industrial Area, MIDC Cross Road "C", Andheri (East), Mumbai – 400 093, India.

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organisation.
To check this certificate validity please call + 91 22 6274 2000.

For certificate authenticity, click here <https://certcheck.ukas.com/>

ISO 9001	IN053271
ISO 14001	IN053269
ISO 45001	IN053270
ISO 50001	IN053268

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Bureau Veritas Certification

SAGAR CEMENTS LIMITED

Standards

ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 & ISO 50001:2018

Scope of certification

SITE	ADDRESS	SCOPE
Head Office	PLOT NO.111, ROAD NO.10, JUBILEE HILLS, HYDERABAD – 500 033, TELANGANA, INDIA.	MARKETING, PROCUREMENT, HR & EDP RELATED TO MANUFACTURE, DISPATCH OF CLINKER, CEMENT, GROUND GRANULATED BLAST FURNACE SLAG (GGBS) AND POWER GENERATION.
Unit 1	MATTAMPALLY POST & MANDAL, SURYAPET DISTRICT – 508 204, TELANGANA, INDIA.	MINING OF LIMESTONE, MANUFACTURE, DISPATCH OF CLINKER, CEMENT AND POWER GENERATION.
Unit 2	GUDIAPDU VILLAGE & POST, YADIKI MANDAL, ANANTAPUR DISTRICT – 515 408, ANDHRA PRADESH, INDIA.	MINING OF LIMESTONE, MANUFACTURE, DISPATCH OF CLINKER AND CEMENT.
Unit 3	BAYYAVARM VILLAGE, KASIMKOTA MANDAL, ANAKAPALLI, VISAKHAPATNAM – 531 031, ANDHRA PRADESH, INDIA.	MANUFACTURE, DISPATCH OF CEMENT AND GROUND GRANULATED BLAST FURNACE SLAG (GGBS)
Unit 4	KNIC, TEHSIL DANAGADI, JAJPUR – 750 026, ODISHA, INDIA.	MANUFACTURE, DISPATCH OF CEMENT AND GROUND GRANULATED BLAST FURNACE SLAG (GGBS)

Certificate No. **IND.25.527/IM/U** Version: **1** Issue date: **04 January 2026**

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WATER MANAGEMENT POLICY



We at Sagar Cements Limited have committed to become ‘Water Neutral’ in cement manufacturing and power generation by taking decisive steps in conserving water:

- Implementing an Integrated Water Resource Management plan that accomplishes the objectives of water conservation
- Introducing a Water Reporting system including specific water consumption
- Ensuring effective utilization of available water by implementing provisions of measurement and monitoring of water sourcing and consumption
- Adopting measures to reduce water consumption where water usage cannot be totally avoided
- Choosing alternate process technologies wherever feasible which does not require water use
- Identifying production processes where recycled and treated water can be used
- Practicing cascade use of water in process wherever feasible
- Using recycled and treated water in plantations including installation of drip irrigation systems
- Accommodating appropriate designs for rainwater harvesting and campaigning for the same in the local community
- Pursuing surface water conservation through construction of check dams and harvest pits
- Conducting seminars and workshops on water conservation for promoting awareness among all levels of employees

Let us make a pledge to conserve water for our future!

Managing Director

WASTE MANAGEMENT POLICY



We at Sagar Cements Limited as a responsible corporate entity are committed to reduce waste and its impact on the environment by adopting sustained measures:

- Incorporating a hierarchical approach to reduce, reuse, recycle, and recover to the maximum possible extent through viable technologies
- Handling all waste materials in a responsible manner by collecting, storing, transporting, and disposing them such that the environmental impact is effectively mitigated
- Taking all efforts toward reduction of waste materials and setting standards for continuous improvement in Waste Management
- Learning and implementing best practices in Sourcing and consuming RDF (Refuse Derived Fuels) in kiln processes with the larger objective of reducing the impact on the environment by liaising with the relevant experts and authorities
- Conducting seminars and workshops for competency-building and promoting awareness through poster campaigns, notices, slogans, and other effective communication drives
- Complying with all legal and other statutory requirements that are in force from time to time

Let us make a pledge to reduce, reuse, recycle, and recover!

Managing Director

ENERGY MANAGEMENT POLICY



We at Sagar Cements Limited have committed ourselves to reduce the energy consumption and minimize carbon emissions through continuous improvement of our manufacturing processes and power generation activities:

- Employing the latest methods and technologies for energy efficient processes and equipment, and continuously upgrading them
- Ensuring that all activities are aligned with minimizing energy loss and maximizing waste energy recovery
- Seeking to raise the renewable energy component within the organization to 30% in first phase and to 50% subsequently
- Devising schemes that encourage the use of energy from alternate / waste energy materials
- Keeping control on generation and consumption of all forms of energy and periodically reviewing for continuous betterment
- Conducting awareness programs and competency-building workshops for all levels of employees for efficient Energy Management and encouraging them to be actively involved and come up with their own innovative suggestions
- Ensuring that all energy efficient processes employed are functioning as intended by conducting energy audits at regular intervals by internal and external auditors
- Benchmarking our performance in accordance with the industry best, setting targets, documenting and communicating the goals to all levels, while facilitating resources to reach the targets
- Undertaking to comply not only to all relevant legislation relating to energy usage but also adapting voluntarily the global best practices
- Publishing the results of energy management efforts and evaluating the performance each and every year

Let us make a pledge to achieve an outstanding energy performance!

Managing Director

ENVIRONMENT
POLICY



CORPORATE
SUSTAINABILITY
POLICY



GREEN
SOURCING
POLICY



We at Sagar Cements Limited as an environmentally conscious company have taken a firm resolve to follow the best practices in preserving and enhancing the environment:

- Taking necessary steps toward monitoring, minimizing and mitigating the release of pollutants in the environment by adopting the best practices and eco-friendly technologies and processes in mining, cement manufacturing and logistics.
- Supporting a healthy ecosystem and promoting biodiversity by planting more trees and developing water bodies in and around mining, plant and township.
- Optimizing the use of crucial natural finite resources like minerals, fuels, energy, water, and land to save them from rapid depletion
- Utilizing all grades of minerals by adoption of the right process technologies, use of alternate fuels, and innovations in product and manufacturing
- Regulating water consumption, recycling water, installing water treatment facilities, and ensuring zero waste water discharge across all plant operations along with pursuing rainwater harvesting to minimize fresh water consumption
- Supporting all our suppliers in adopting environment-friendly practices and maximizing sourcing of products and services from suppliers who practice environment friendly systems
- Deploying an Environment Management System across all operations and activities
- Taking inputs and ideas from employees and conducting regular brainstorming sessions on how to promote environment friendliness through macro and micro initiatives in the plant and outside
- Conducting periodic workshops and seminars for promoting and propagating an environment conscious culture among employees and relevant stakeholders
- Setting performance objectives and goals, close monitoring of environmental performance, and periodic reporting to all stakeholders
- Ensuring compliance with all applicable laws including environment and forest clearances, consents, permits, licenses, standards, and leading industry initiatives from time to time.

Let us make a pledge to achieve outstanding environmental performance!

Managing Director



We at Sagar Cements Limited have committed ourselves to Protect the environment and social well-being of the community among whom we conduct our businesses:

- Ensuring compliance with all applicable laws, standards, and regulations pertaining to the environment, energy, occupational health and safety, social welfare and corporate governance
- Adapting the state-of-the-art technologies in mining, manufacturing and logistics
- Making continuous and sustained efforts to conserve natural resources like limestone, fossil fuels, gypsum, etc. by minimizing their use, avoiding rejections, and using alternate fuels and raw materials
- Taking necessary steps towards energy and water conservation, and reduction of carbon intensity
- Educating and training employees on environmental and social initiatives and making them an integral part of our sustainable business efforts
- Keeping our stakeholders updated and ensuring that their environmental and social considerations are aligned with our business decisions and environmental goals
- Providing equal opportunities to every employee for his or her personal growth and providing support through training programs, capacity building seminars, etc.
- Enhancing the quality of life of the local community by taking appropriate steps toward enhancing their socio-economic development
- Raising the goals of sustainability indicators, monitoring performance, and preparing reports to keep the stakeholders duly informed

Let us make a pledge to work closely toward holistic development of the society!

Managing Director



We at Sagar Cements Limited have taken a resolve to reduce the company’s environmental impact in sourcing of materials, products, and services by effective measures:

- Supporting and showing preference to procure materials and services from those suppliers who have adopted best environmental practices
- Ensuring that all products and services are aligned with our Green Sourcing policy by issuing internal guidelines that specifically define the parameters and practices
- Adopting and effectively integrating the concepts of reduction, reuse, and recovery into our sourcing models
- Encouraging suppliers and service providers to improve their environmental performance by adopting best practices in their individual manufacturing processes
- Setting up relevant training and capacity-building workshops to enhance the competency of all staff and other personnel who are directly involved in procurement activities
- Ensuring compliance with all legal requirements and other standards and regulations that are published and mandated by the Government of India and other compliance bodies and organizations
- Keeping all our stakeholders informed about our Green Sourcing policy and making the relevant information available to them including regular updates on the best practices

Let us make a pledge to promote sustainable development!

Managing Director

Sagar Cements Limestone Mine-I



Sagar Cements Limestone Mine-II



GENERAL INFORMATION – LEASE AREA DETAILS

Sl.No	DESCRIPTION	Sagar Cements Limestone Mine-I	Sagar Cements Limestone Mine-II
1	Mine Opening Date (Initial)	18-08-1984	31.10.1985
2	Extent (Ha)	326.58	143.72
3	Lease Validity	17-08-2034	30.10.2035
4	Category of Lands	Govt.& Patta Lands	Govt. Land
5	Location (Geo Co Ordinates)	E:79 ⁰ 50' 21.6" – E:79 ⁰ 52' 23.3" N:16° 44' 13.047" –N :16° 44' 47.547"	E:79 ⁰ 49' 58.53" – E:79 ⁰ 57' 0.82" N:16° 44' 46.84" –N :16° 44' 43.23"
6	Topo sheet No	E44T13&14 on 1:50000 Scale	E44T13&14 on 1:50000 Scale
7	Type of Mining	Conventional Open Cast (Mechanized) by deploying Heavy Earth Moving Machinery	Conventional Open Cast (Mechanized) by deploying Heavy Earth Moving Machinery
8	Number of Benches	03	02

GENERAL INFORMATION – LEASE AREA DETAILS

Sl. No	DESCRIPTION	Sagar Cements Limestone Mine-I	Sagar Cements Limestone Mine-II
1	Reserves as on 1.4.2026 (Mil.Tons)	137.568	85.469
2	Resources as on 1.4.2026 (Mill.Tones)	24.657	23.4478
3	Total Resources as on 1.4.2026 (Mil.Tons)	162.225	108.9168
4	Production during the year 2025-26	24,90,000 MT	3,00,000 MT
5	Quarry Length (North-South)	1789.945 mtrs (PIT-1) 762.080 mtrs (Pit-2)	894.529 mtrs
6	Quarry Width (East-West)	642.861 mtrs (Pit – 1) 352.355 mtrs (Pit – 2)	266.825 mtrs
7	Area Excavated as on 01.04.2026	141.921 Ha	23.868 Ha

Sl.No	DESCRIPTION	Sagar Cements Limestone Mine-I	Sagar Cements Limestone Mine-II
1	Dip	3° - 5°	3° - 5°
2	Strike	NE - SW	NE - SW
Lithology:-			
4	Light grey (CaO %)	40 - 42	40 - 41
5	Grey (CaO %)	45 - 49	45 - 47
6	Green (CaO %)	43 - 45	43 - 42
7	Purple (CaO %)	38 - 40	38 - 40

Sl.No	PARTICULARS	Sagar Cements Limestone Mine-I	Sagar Cements Limestone Mine-II
1	No of working shifts	02	01
2	“A” Shift (Production)	05.00 AM to 01.00 PM	-
3	“G” Shift (Maintenance)	08.00 AM to 05.00 PM	08.00 AM to 05.00 PM
4	“B” Shift (Production)	12.30 PM to 08.30 PM	-

- **ML area is located in the NE margins of the Cuddapah Basin called “Palnadu Sub-Basin”.**
- **The area comprises of arenaceous, argillaceous and calcareous rocks belonging to the Kurnool group of Rocks.**
- **Kurnool system of rocks are the youngest group of rocks in the Cuddapah Basin.**



1. AFFORESTATION DETAILS – WITHIN M.L.

Sl.No	PARTICULARS	Sagar Cements Limestone Mine-I	Sagar Cements Limestone Mine-II
a	Acquired Area (Ha)	326.58	143.72
b	Area under afforestation (in Ha.)		
	During the year (2025-26)	0.51	0.490
	Cumulative	47.41	11.36
C	Number of trees planted		
	During the year (2025-26)	1041	509
	Cumulative	86871	16362
d	Number of plants per Ha	1795	1440

Sl.No	PARTICULARS	Sagar Cements Limestone Mine-I	Sagar Cements Limestone Mine-II
e	Housekeeping including display of plantation details	Maintaining Housekeeping Properly & Plantation display boards were provided at all the prominent locations	
f	Type of plant species	Nemalinaara, Subabul,Kanuga,Dubai, Neem etc	
g	Avenue plantation	Done all along haul roads, at view point area & mines office premises	
h	Survival rate	96%	96%
i	Maintenance of nursery/ Procurement of saplings	Well Maintained in-house nursery located in the colony premises.	
j	Aftercare of saplings planted	Separate plantation crew maintained with separate water tanker for watering the plants and taking care of saplings planted	

AFFORESTATION DETAILS – OUTSIDE M.L.

Sl.No	PARTICULARS	Sagar Cements Limestone Mine-I	Sagar Cements Limestone Mine-II
a	Area under afforestation (in Ha.) During the year (2025-26)	2.14	-
	Cumulative	93.59	6.25
b	Number of trees planted During the year (2025-26)	766	NIL
	Cumulative	132558	7840
c	Number of plants per Ha	1416	1254
d	Type of Plant species	Nemalinara, Kanuga, Dubai, Subabul, Maddi, Neem , Rela etc...	
e	Housekeeping including display of plantation details	Housekeeping regularly maintaining & Plantation display boards are provided	
f	Survival rate	96%	96%
g	Aftercare of saplings planted	Separate plantation crew maintained with separate water tanker for watering the plants And taking care of saplings planted	

Plantation along the Haul Road

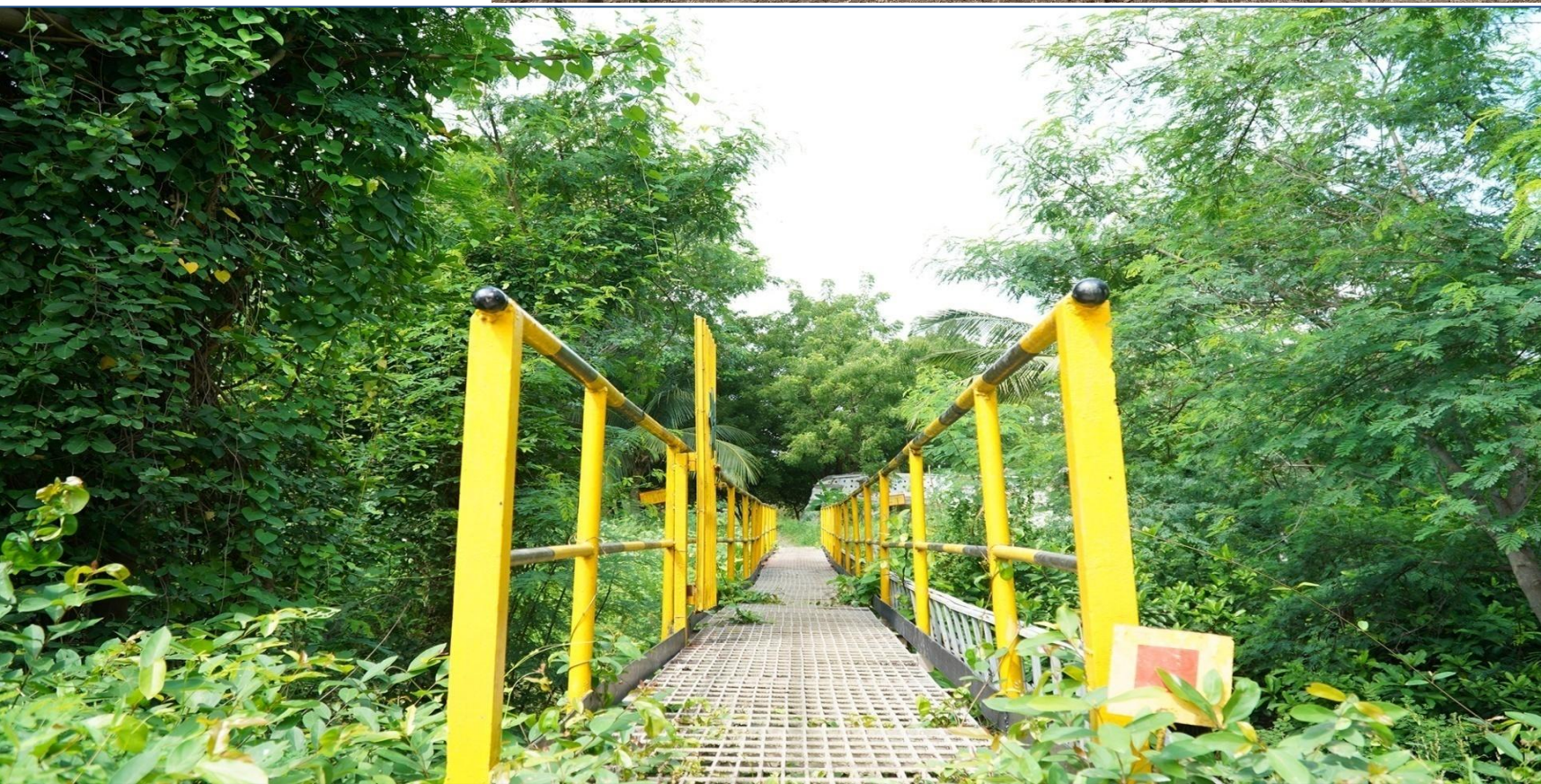


Avenue Plantation & Aesthetic beauty within ML Area





Afforestation Within Mining Lease Boundary & Safety barrier areas....



Photos of plantation near mines office, haul road etc...



AFFORESTATION – DISPLAY OF BOARDS

YEAR OF PLANTATION - 2008				
Name of Plant	Height (Feet)	Name of Plant	No. of Plants	Survival Rate
ಸರಗಂಜಿ	15	13	20	19
ಪೊದೆ ಕಾಡೆ	40	38	5	5
ಪೆಪ್ಪಳು	40	40	40	40
ಬೇವು	40	37	40	40
ಸರಗಂಜಿ	5	5	5	5
ಪೊದೆ ಕಾಡೆ	15	15	5	5
ಪೆಪ್ಪಳು	40	38	30	28

96%

WELCOME

TO

SAGAR CEMENTS LIMESTONE MINE

OF

SAGAR CEMENTS LTD

BIO-DIVERSITY PARK

& FRUIT GARDEN

YEAR OF PLANTATION - 2011

Name of Plants	No. of Plants	Rate of Survival
Gamuga		
Nema linara	435	85
Neem Madhuga		7
Raavi,		



YEAR OF PLANTATION-2012		
Name of Plants	No of plants	Rate of Survival
GANUGA	75	86%



YEAR OF PLANTATATION-2014		
Name of plants	No of plants	Rate of Survival
Neem	25	90 %
Sisū	25	90 %
Dirsin	50	90 %



YEAR OF PLANTATION - 2022 & 2024		
Name of plants	No of plants	Rate of Survival
GANUGA	50	90%
ADAVI GANGA	40	96%

SAGAR CEMENTS LIMESTONE MINE-2 OF Sagar Cements Ltd.
Area of plantation - 0.75 Hectares

SL NO	Name of the Species	Year of Plantation	No of plants	Survival Rate (%)
1	Felto Farm	2022-23	100	96%
2	Feltofarm	2023-24	238	96%
3	Kanuga	2023-24	196	96%

Sl. No	PARTICILARS	Sagar Cements Limestone Mine-I	Sagar Cements Limestone Mine-II
a	Thickness of Topsoil (m)	0.50 To 1m	-
b	Collection (Cu.Mtrs)		
	During the year (2025-26)	16799 Cu.Mtrs	-
	Cumulative	4,69,774.52 Cu.Mtrs	-
C	Utilization (Cu.mtrs)		
	During the year (2025-26)	11749 Cu.Mtrs	-
	Cumulative	4,56,523.52 Cu.Mtrs	-
d	Storage (Cu.m)		
	During the year (2025-26)	5050 Cu. Mtrs	-
	Cumulative	5050 Cu. Mtrs	-

2. WASTE DUMP MANAGEMENT

Sl. No	PARTICILARS	Sagar Cements Limestone Mine-I	Sagar Cements Limestone Mine-II
a	Proper design and maintenance of waste dumps terraces, dump slopes, drainage channel on terraces, berms etc.	SG Dump being maintained as per the statutory provisions.	Nil
b	Building & maintenance of check dams retention wall, pack wall, garland drains, gully plugs, silt settling tank etc.)	Being maintained as per the proposals made in the approved MMP.	Nil
c	Growing of grass, suitable plants on the inactive dumps with or without geo textile/coir matting	Developed aloevera in the dump slopes of inactive dumps present.	Nil



BC Soil Temporary Stock Yard



Sub Grade Dump Yard





Aloe vera Plantation on Dump

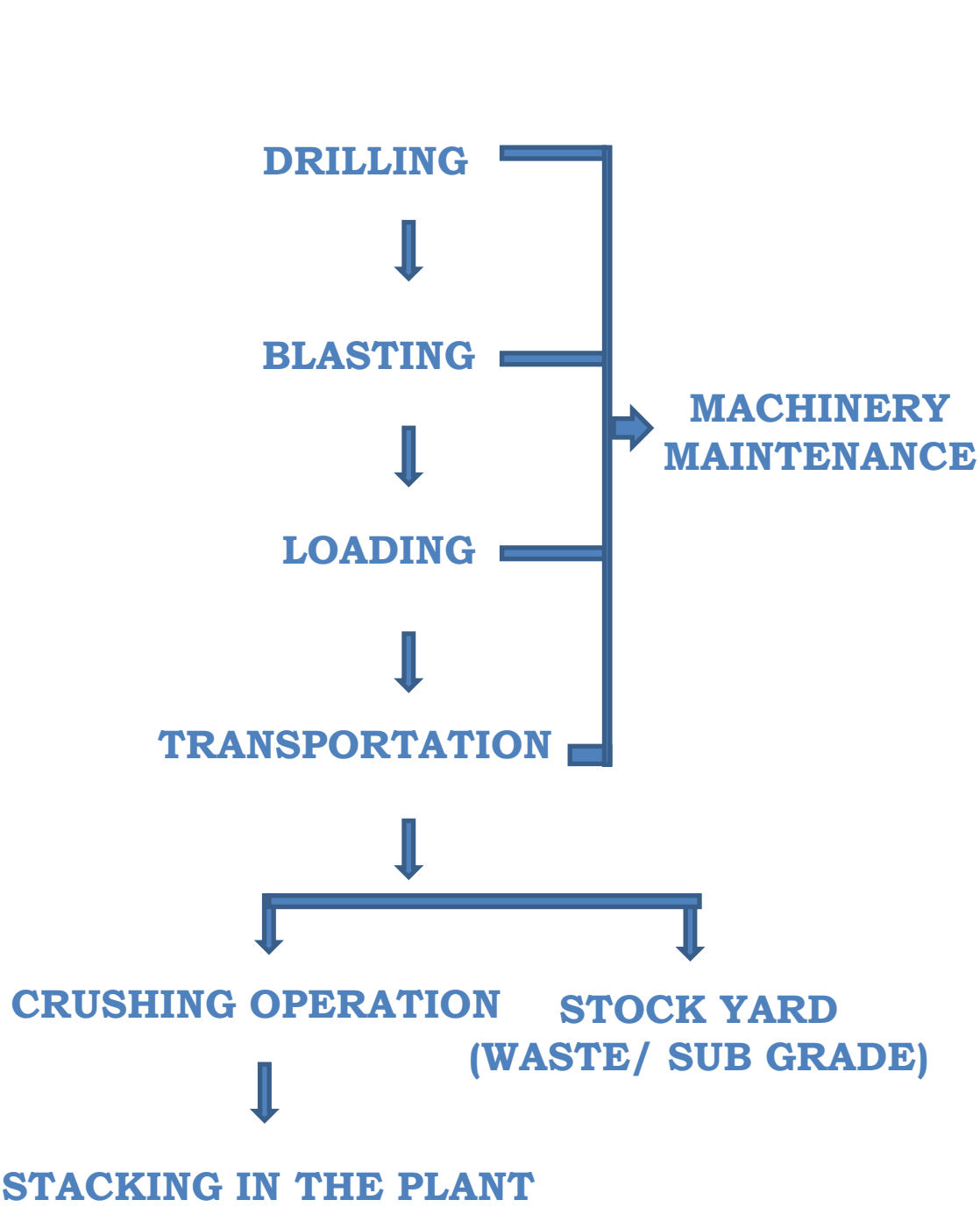


Garland Drain

Silt Settling Tanks constructed across the Garland Drain



Sl.No	PARTICILARS	Sagar Cements Limestone Mine-I&II
a	Implementation of proposals approved in Mining Plan	Implemented as per approved Mining Plan
b	Compliance of violations	No violation is under abeyance as on date.
c	Bench formation and advancement	Maintained Well
d	Geotechnical / Slope stability studies undertaken if any	Nil
e	Haulage roads	One way haul road & gradient of 1 in 20
f	Use of mine planning software	Using Ramco Mine Management Software for mine planning and Quality Control etc & Auto CAD
g	Overall layout	Maintained as per approved mining plan



DRILLING



BLASTING



LOADING



STACKING



CRUSHING



TRANSPORTATION



GARAGE

Statutory Plans & Sections:

The following plans & sections being Maintained and updated on quarterly basis.

- Surface Plan
- Surface Geological Plan
- Geological Cross Sections
- Key Plan
- Environment Plan

Sagar Cements Limestone Mine-1 Mining Machinery



S. No	Equipment	Make	Model	Capacity	Numbers
1	SHOVEL	KOMATSU	PC - 1250-7	6.5 m ³	1
2	BACKHOE SHOVEL	VOLVO	EC 950 EL	6.0 m ³	1
3	LOADER	CAT	988H	6.9 m ³	1
4	BACKHOE SHOVEL	KOMATSU	PC - 850	4.5 m ³	1
5	DUMPER	KOMATSU	HD - 465	55 Tons	6
6	DOZER	KOMATSU	D 155A	11.8 m ³	1
7 a	BACK HOE	VOLVO	VOLVO 210 D	0.9 m ³	1
b	BREAKER	ATLAS COPCO	MB - 1500	300 – 600 blows/min	1
8	COMPRESSOR (on mount drill)	EPI ROC	ICM 260N	350 cfm	2
9	COMPRESSOR (on mount drill)	ATLAS COPCO	ICM 260N	300 cfm	1
10	LOADER	VOLVO	SDLG 946	2.1 m ³	1
11	EXPLOSIVE VAN	EICHER	EICHER 1110	6.04 MT	1
12	SOIL COMPACTOR	VOLVO	SD110C	33 Hz	1
13	SERVICE VAN	TATA	1510	---	1
14	PORTABLE LIGHTING TOWER	KIRLOSKER	SEKG 5AS -EA10	5 KVA	2
15	PORTABLE LIGHTING TOWER	DOOSAN	LSCK4	6 KVA	3
16	WELDING GENSET	ESAB	EDW 500	500 Amps	1
17	WATER TANKER	ASHOK LEYLAND	1616 IL	12 KL	1

Volvo 950



PC - 1250



PC- 850



CAT – 988H



HD -465



VOLVO 210D



D155A Dozer



ICM – 260 Drill



Sagar Cements Limestone Mine-2 Mining Machinery



S. No	Equipment	Make	Model	Capacity	Numbers
1	BACK HOE	TATA HITACHI	ZX370 LCH	1.5 m ³	1
2	COMPRESSOR (on mount drill)	ATLAS COPCO	ICM 260N	300 cfm	1
3	TIPPERS	BHARAT BENZ	2832C	30 MT	4
4	WATER TANKER	ASHOK LEYLAND	1616 IL	12 KL	1





Epiroc drill



PC 1250 shovel & 60 Ton dumper



Water sprinkling in the dumper body material



Water spray arrangement in the dump hopper



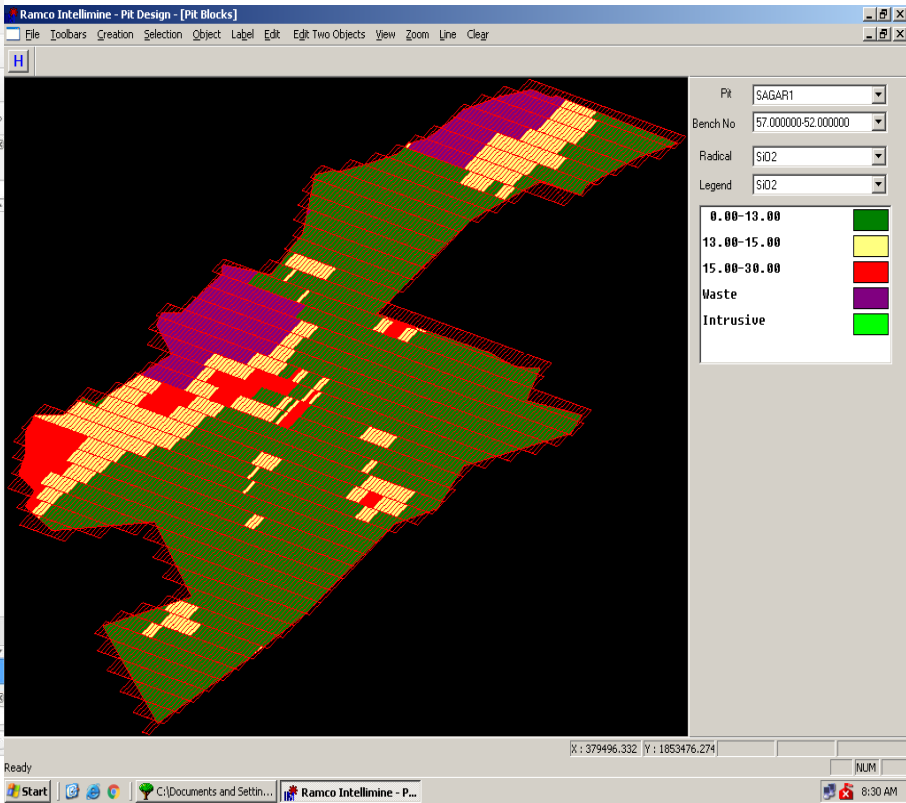
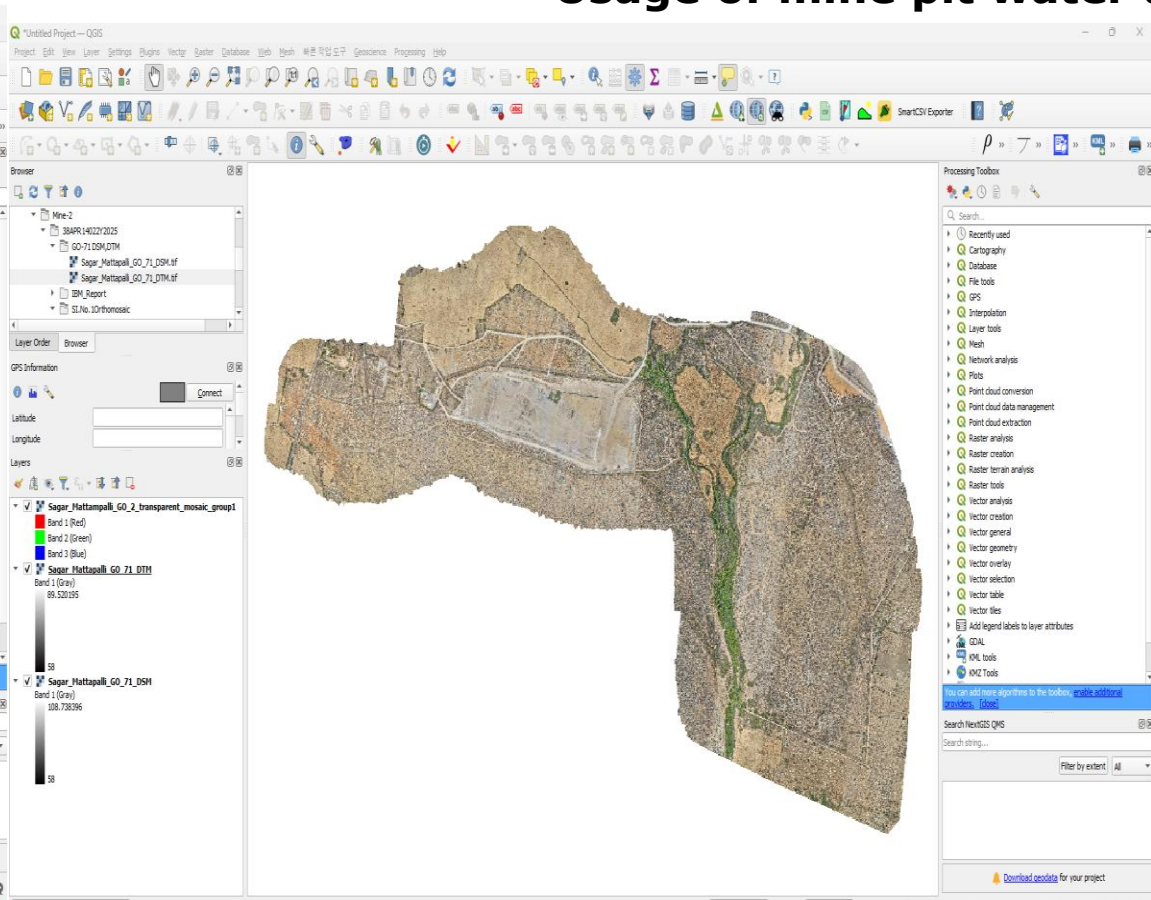
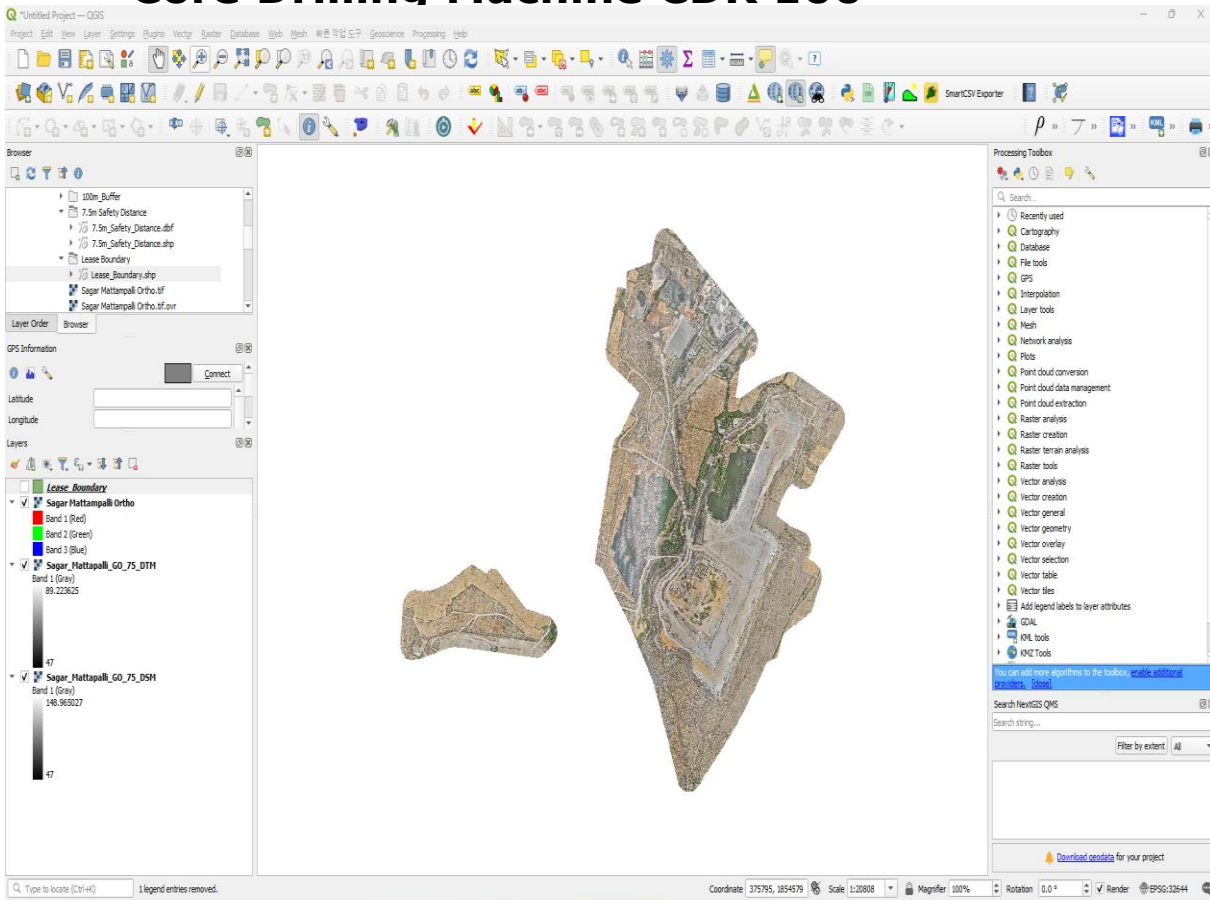
Haul road wetting



Core Drilling Machine CDR 100



Usage of mine pit water as drinking water



Images of Mine Planning Software





Systematic benches



Grease Trap Point



Humus preparation pit & application to plants



Micro Mate Blast Vibration Monitoring Machine.

Systematic arrangement of Limestone Core Samples & Mine Model



Core Preservation Room



Mine Model

4. MINERAL CONSERVATION

Sl.No	PARTICILARS	Sagar Cements Limestone Mine-I&II
a	Name of the minerals, cutoff grade of commercial ore, whether grade wise separate stacks are maintained	Cement Grade Limestone Cutoff grade is Sio2 : 12.80, CaO:45.6 % & Mgo:0.80%. Yes, Grade Wise Separate Stacks being maitained.
b	Whether minerals rejects above threshold value has been stacked separately	Yes, mineral reject above threshold value generated Being stacked separately & Stack records beings maintained as per the Rules.
c	Day to day maintenance records of various stacks.	
d	Housekeeping of the said mineral reject/sub grade ore stacks	Housekeeping of the subgrade mineral dumps is good.
e	Utilisation of minerals rejects by blending after stacking of directly or by using software technology	As off now we are using the low grade limestone available in th e mine directly by blending with high grade.
f	Recovery from tailings	Not Applicable
g	Recovery from old dumps	

Sl.No	PARTICILARS	Sagar Cements Limestone I&II	Mine
a	Area Reclaimed	No Proposals were given - Not Applicable	
d	Area Rehabilitated		

Particulars	Standards laid down by MOEF & CC	Actuals	
		Sagar Cements Limestone Mine-I	Sagar Cements Limestone Mine-II
a)Ambient Air Quality	PM10:100, PM2.5: 60 SOx: 80, Nox: 80	With in Limits	With in Limits
b) Surface Water Quality/ Mine Discharge Points	PH: 5.5-9.0, TSS:<100, TDS:<2100, BOD:<30 COD:<250	With in Limits	With in Limits
c) Ground Water Quality	PH: 5.5-9.0, TSS:<100, TDS:<2100, BOD:<30 COD:<250	With in Limits	With in Limits
d) Noise Level	80dBL	With in Limits	With in Limits
e) Ground Vibration	10mm/sec	With in Limits	With in Limits

Ambient Air Quality Monitoring :- AAQ & FDE is being monitored by M/s. Lawn Environ Private Ltd., Hyderabad in core and buffer zones of ML area once in a quarter all the parameters are well within the permissible Limit.



LAWN ENVIRO PRIVATE LIMITED
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ISO 9001, 14001 & 45001
Certified Company

TEST REPORT

REF.NO: LAWN/SCL-M/001/2025Report Date: 30-12-2025

AMBIENT AIR QUALITY DATA

Name of the Industry & Address : M/s. SAGAR CEMENTS LIMITED, (MINE-1)
Mattampally (Post & Mandal),
Suryapet - (Dist).

Location	Near Mines Office	LIMIT	PROTOCOL/METHOD
1. Date of sampling	19-12-2025	---	---
2. Date of Analysis	22-12-2025	---	---
3. Total time of monitoring	24 hr	---	---
4. Average flow rate (cum/min)	1.06	---	---
5. Particulate matter Concentration (µg/m³) -PM ₁₀	56	100	IS:5182 (Part-23); 2017 Gravimetric Method
6. Particulate matter Concentration (µg/m³) -PM _{2.5}	19	60	IS:5182 (Part-24); 2019 Gravimetric Method
7. Sulphur dioxide (SO ₂) Concentration (µg/m³)	07	80	IS:5182 (Part-2); 2018 New West & Gaeke Method
8. Nitrogen dioxide (NO ₂) Concentration (µg/m³)	15	80	IS:5182 (Part-6); 2017 JACOB & Hochheiser Method
9. CO, Concentration (mg/m³)	0.009	2	IS:5182 (Part-10); 2019 CO Analyzer Method



AUTHORISED SIGNATORY

1. RESPIRABLE DUST SAMPLER MODEL / APM 460; (SL NO. 2465-DTA-2019), CALIBRATED ON 06-01-2025, DUE ON 05-01-2026
1. FINE PARTICULATE SAMPLER MODEL / APM 550; (SL NO. 912-DTH-2011), CALIBRATED ON 06-01-2025, DUE ON 05-01-2026

Corporate Office : "LAWN HOUSE", #184-C, Vengalrao Nagar, Hyderabad-500038, (T.S.) INDIA. Phone: 66730925, 66730926, Fax: 040-66730926
Branch Office : H.NO: 31-43-4/1, LIG-57, 2nd Floor, Vuda Phase-2, Dwarakapuri Colony, Kurmannapalem, Visakhapatnam-530046. A.P., Mobile : 9701505182.
Email: lawnenviro@yahoo.co.in, info@lawnenviro.in, URL : www.lawnenviro.in



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TEST REPORT

REF.NO: LAWN/SCL-M/002/2025Report Date: 30-12-2025

AMBIENT AIR QUALITY DATA

Name of the Industry & Address : M/s. SAGAR CEMENTS LIMITED, (MINE-1)
Mattampally (Post & Mandal),
Suryapet - (Dist).

Location	Near Crusher Area	LIMIT	PROTOCOL/METHOD
1. Date of sampling	19-12-2025	---	---
2. Date of Analysis	22-12-2025	---	---
3. Total time of monitoring	24 hr	---	---
4. Average flow rate (cum/min)	1.13	---	---
5. Particulate matter Concentration (µg/m³) -PM ₁₀	61	100	IS:5182 (Part-23); 2017 Gravimetric Method
6. Particulate matter Concentration (µg/m³) -PM _{2.5}	23	60	IS:5182 (Part-24); 2019 Gravimetric Method
7. Sulphur dioxide (SO ₂) Concentration (µg/m³)	10	80	IS:5182 (Part-2); 2018 New West & Gaeke Method
8. Nitrogen dioxide (NO ₂) Concentration (µg/m³)	20	80	IS:5182 (Part-6); 2017 JACOB & Hochheiser Method
9. CO, Concentration (mg/m³)	0.018	2	IS:5182 (Part-10); 2019 CO Analyzer Method



AUTHORISED SIGNATORY

1. RESPIRABLE DUST SAMPLER MODEL / APM 460; (SL NO. 2465-DTA-2019), CALIBRATED ON 06-01-2025, DUE ON 05-01-2026
1. FINE PARTICULATE SAMPLER MODEL / APM 550; (SL NO. 931-DTH-2011), CALIBRATED ON 06-01-2025, DUE ON 05-01-2026

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TEST REPORT

REF.NO: LAWN/SCL-M/001/2025Report Date: 30-12-2025

AMBIENT AIR QUALITY DATA

Name of the Industry & Address : M/s. SAGAR CEMENTS LIMITED (MINE-2)
(Pedaveedu works)
(Formerly known as M/s. AMARESWARI CEMENTS LIMITED)
Pedaveedu (V), Mattampally (M),
Suryapet - (Dist).

Location	Near Mines Office - ML-2	LIMIT	PROTOCOL/METHOD
1. Date of sampling	20-12-2025	---	---
2. Date of Analysis	22-12-2025	---	---
3. Total time of monitoring	24 hr	---	---
4. Average flow rate (cum/min)	1.15	---	---
5. Particulate matter Concentration (µg/m³) -PM ₁₀	63	100	IS:5182 (Part-23); 2017 Gravimetric Method
6. Particulate matter Concentration (µg/m³) -PM _{2.5}	22	60	IS:5182 (Part-24); 2019 Gravimetric Method
7. Sulphur dioxide (SO ₂) Concentration (µg/m³)	09	80	IS:5182 (Part-2); 2018 New West & Gaeke Method
8. Nitrogen dioxide (NO ₂) Concentration (µg/m³)	19	80	IS:5182 (Part-6); 2017 JACOB & Hochheiser Method
9. CO, Concentration (mg/m³)	0.014	2	IS:5182 (Part-10); 2019 CO Analyzer Method



AUTHORISED SIGNATORY

1. RESPIRABLE DUST SAMPLER MODEL / APM 460; (SL NO. 2161-DTH-2011), CALIBRATED ON 06-01-2025, DUE ON 05-01-2026
1. FINE PARTICULATE SAMPLER MODEL / AAS 127 MINI; (SL NO. 17-J-751), CALIBRATED ON 06-01-2025, DUE ON 05-01-2026

Corporate Office : "LAWN HOUSE", #184-C, Vengalrao Nagar, Hyderabad-500038, (T.S.) INDIA. Phone: 66730925, 66730926, Fax: 040-66730926
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Certified Company

TEST REPORT

REF.NO: LAWN/SCL-M/002/2025Report Date: 30-12-2025

AMBIENT AIR QUALITY DATA

Name of the Industry & Address : M/s. SAGAR CEMENTS LIMITED (MINE-2)
(Pedaveedu works)
(Formerly known as M/s. AMARESWARI CEMENTS LIMITED)
Pedaveedu (V), Mattampally (M),
Suryapet - (Dist).

Location	Near ML Area West Side Boundary	LIMIT	PROTOCOL/METHOD
1. Date of sampling	20-12-2025	---	---
2. Date of Analysis	22-12-2025	---	---
3. Total time of monitoring	24 hr	---	---
4. Average flow rate (cum/min)	1.05	---	---
5. Particulate matter Concentration (µg/m³) -PM ₁₀	55	100	IS:5182 (Part-23); 2017 Gravimetric Method
6. Particulate matter Concentration (µg/m³) -PM _{2.5}	18	60	IS:5182 (Part-24); 2019 Gravimetric Method
7. Sulphur dioxide (SO ₂) Concentration (µg/m³)	07	80	IS:5182 (Part-2); 2018 New West & Gaeke Method
8. Nitrogen dioxide (NO ₂) Concentration (µg/m³)	16	80	IS:5182 (Part-6); 2017 JACOB & Hochheiser Method
9. CO, Concentration (mg/m³)	0.011	2	IS:5182 (Part-10); 2019 CO Analyzer Method



AUTHORISED SIGNATORY

1. RESPIRABLE DUST SAMPLER MODEL / APS 113 BL; (SL NO. 105-C-2017), CALIBRATED ON 06-01-2025, DUE ON 05-01-2026
1. FINE PARTICULATE SAMPLER MODEL / AAS 127 MINI; (SL NO. 17-F-731), CALIBRATED ON 06-01-2025, DUE ON 05-01-2026

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Email: lawnenviro@yahoo.co.in, info@lawnenviro.in, URL : www.lawnenviro.in

Technical Presentation – Mattampally Unit

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Surface Water Quality & Ground Water Quality:- Water Quality is being monitored by M/s. Lawn Environ Private Ltd., Hyderabad in core and buffer zones of the ML area and all the parameters are well with in the permissible Limits.

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TEST REPORT

REF.NO: LAWN/SCL-M/003/2025

Report Date: 30-12-2025

WATER ANALYSIS

Name of the Industry & Address : M/s. SAGAR CEMENTS LIMITED, (MINE-1)
Mattampally (Post & Mandal),
Suryapet - (Dist).

Sample Particular : Nala Exit ML-1 Boundary
Date of Collection : 20-12-2025
Date of Analysis : 22-12-2025
PROTOCOL : A.P.H.A 24th Edition

		As per IS:10500 - 2012	
		Requirement (Acceptable Limit)	Permissible Limit in the absence of alternate source
1. Colour (Hazen)	:	<5.0	5 max
2. Conductivity (micromhos/cm)	:	637	NS
3. Total Dissolved Solids	:	379	500
4. Turbidity (NTU)	:	1.40	01 max
5. pH	:	7.42	6.50 - 8.50
6. Total Suspended Solids	:	22	NS
7. Sulphates as SO ₄	:	32	200 max
8. Phosphorus as P	:	<0.10	NS
9. Sodium as Na	:	82.60	NS
10. Potassium as K	:	2.20	NS
11. Calcium as Ca	:	42	75 max
12. Magnesium as Mg	:	6.90	30 max
13. Total Hardness as CaCO ₃	:	134	200 max
14. Chloride as Cl	:	104	250 max
15. Fluoride as F	:	0.39	1.0 max
16. Nitrate Nitrogen as NO ₃	:	11	45 max
17. Total Alkalinity as CaCO ₃	:	127	200 max
18. Acidity as CaCO ₃	:	09	NS

Contd.....

Corporate Office : "LAWN HOUSE", #184-C, Vengalrao Nagar, Hyderabad-500038. (T.S.) INDIA. Phone: 66730925, 66730926, Fax: 040-66730926
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TEST REPORT

:2:

As per IS:10500 - 2012

			Requirement (Acceptable Limit)	Permissible Limit in the absence of alternate source
19. Total Iron	as Fe	:	0.13	0.3 max
				No relaxation
20. Nickel	as Ni	:	<0.01	0.2 max
				No relaxation
21. Manganese	as Mn	:	<0.01	0.1 max
				0.3 max
22. Copper	as Cu	:	<0.01	0.05
				1.5
23. Zinc	as Zn	:	0.26	5.0
				15
24. Lead	as Pb	:	<0.01	0.01
				No relaxation
25. Arsenic	as As	:	<0.01	0.01
				0.05
26. Chromium	as Cr	:	<0.01	0.05
				No relaxation
27. Cadmium	as Cd	:	<0.01	0.003
				No relaxation
28. Total Coliform Count		:	Absent	Should Be Not Detected
				Should Be Not Detected
29. Escherichia Coli Count		:	Absent	Absent
				Absent

Note : 1) All the values except pH & E.C. are expressed in mg/L.

2) NS – Not Specified

AUTHORISED SIGNATORY

Corporate Office : "LAWN HOUSE", #184-C, Vengalrao Nagar, Hyderabad-500038. (T.S.) INDIA. Phone: 66730925, 66730926, Fax: 040-66730926

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LAWN

FOR A BETTER ENVIRONMENT

ENVIRONMENTAL ENGINEERS & CONSULTANTS IN POLLUTION CONTROL

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TEST REPORT

REF.NO: LAWN/SCL-M/003/2025

Report Date: 30-12-2025

WATER ANALYSIS

Name of the Industry & Address

M/s. SAGAR CEMENTS LIMITED (MINE-2)
(Pedaveedu works)
(Formerly known as M/s. AMARESWARI CEMENTS LIMITED)
Pedaveedu (V), Mattampally (M),
Suryapet - (Dist).

Sample Particular

Nala Entering point into ML Area (W2)

Date of Collection

20-12-2025

Date of Analysis

22-12-2025

PROTOCOL

A.P.H.A 24th Edition

As per IS:10500 - 2012

Requirement (Acceptable Limit)

Permissible Limit in the absence of alternate source

1. Colour (Hazen)

:

<5.0

5 max

15 max

2. Conductivity (micromhos/cm)

:

591

NS

NS

3. Total Dissolved Solids

:

350

500

2000

4. Turbidity (NTU)

:

<1.0

01 max

05 max

5. pH

:

7.52

6.50 - 8.50

No relaxation

6. Total Suspended Solids

:

19

NS

NS

7. Sulphates as SO₄

:

29

200 max

400 max

8. Phosphorus as P

:

0.18

NS

NS

9. Sodium as Na

:

60

NS

NS

10. Potassium as K

:

1.49

NS

NS

11. Calcium as Ca

:

38

75 max

200 max

12. Magnesium as Mg

:

5.70

30 max

100 max

13. Total Hardness as CaCO₃

:

122

200 max

600 max

14. Chloride as Cl

:

95

250 max

1000 max

15. Fluoride as F

:

0.41

1.0 max

1.5 max

16. Nitrate Nitrogen as NO₃

:

11

45 max

No relaxation

17. Total Alkalinity as CaCO₃

:

87

200 max

600 max

18. Acidity as CaCO₃

:

03

NS

NS

Contd.....

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Email: lawnnenviro@yahoo.co.in, info@lawnnenviro.in, URL : www.lawnnenviro.in

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TEST REPORT

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:2:

As per IS:10500 - 2012

			Requirement (Acceptable Limit)	Permissible Limit in the absence of alternate source
19. Total Iron	as Fe	: 0.13	0.3 max	No relaxation
20. Nickel	as Ni	: <0.01	0.2 max	No relaxation
21. Manganese	as Mn	: <0.01	0.1 max	0.3 max
22. Copper	as Cu	: 0.08	0.05	1.5
23. Zinc	as Zn	: 0.19	5.0	15
24. Lead	as Pb	: <0.01	0.01	No relaxation
25. Arsenic	as As	: <0.01	0.01	0.05
26. Chromium	as Cr	: <0.01	0.05	No relaxation
27. Cadmium	as Cd	: <0.01	0.003	No relaxation
28. Total Coliform Count		: 360	NS	NS
29. Escherichia Coli Count		: Absent	Absent	NS

Note : 1) All the values except pH & E.C. are expressed in mg/L.

2) NS – Not Specified

AUTHORISED SIGNATORY

Corporate Office : "LAWN HOUSE", #184-C, Vengalrao Nagar, Hyderabad-500038. (T.S.) INDIA. Phone: 66730925, 66730926, Fax: 040-66730926
Branch Office : H.NO: 31-43-4/1, UG-57, 2nd Floor, Vuda Phase-2, Dwarakapuri Colony, Kurmannapalem, Visakhapatnam-530046. A.P., Mobile : 9701505182.
Email: lawnnenviro@yahoo.co.in, info@lawnnenviro.in, URL : www.lawnnenviro.in

Noise Level Monitoring Details:- Noise Levels Monitoring is being conducted by M/s. Lawn Environ Private Ltd., Hyderabad, at 11 Mining Locations once in a quarter and Noise Levels are within the permissible limits.

	LAWN ENVIRO PRIVATE LIMITED				
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TEST REPORT					
REF.NO: LAWN/SCL-M/012/2025	Report Date: 30-12-2025				
FUGITIVE EMISSION DATA					
Name of the Industry & Address	: M/s. SAGAR CEMENTS LIMITED (MINE-2) (Pedaveedu works) (Formerly known as M/s. AMARESWARI CEMENTS LIMITED) Pedaveedu (V), Mattampally (M), Suryapet - (Dist).				
PROTOCOL : IS-5182 (Part-4)					
S.No.	Location	Date of Sampling	Date of Analysis	SPM ($\mu\text{g}/\text{m}^3$)	LIMITS
1	Near Drilling Area	21-12-2025	22-12-2025	940	2000 mg/m^3
2	Loading Area	21-12-2025	22-12-2025	1,044	
3	Haulage Road cross in Mines	21-12-2025	22-12-2025	836	
4	Near Haulage Road exit in Mine	21-12-2025	22-12-2025	974	
5	Pit – 2 Ramp	21-12-2025	22-12-2025	1,240	
 AUTHORISED SIGNATORY					
1. RESPIRABLE DUST SAMPLER MODEL / APM 460, (SL. NO. 2161-DTH-2011), CALIBRATED ON 06-01-2025, DUE ON 05-01-2026 2. RESPIRABLE DUST SAMPLER MODEL / APM 460, (SL. NO. 2461-DTA-2019), CALIBRATED ON 05-01-2025, DUE ON 05-01-2026 3. RESPIRABLE DUST SAMPLER MODEL / APM 460, (SL. NO. 2463-DTA-2019), CALIBRATED ON 06-01-2025, DUE ON 05-01-2026					
Corporate Office : "LAWN HOUSE", #184-C, Vengalrao Nagar, Hyderabad-500038, (T.S.) INDIA. Phone: 66730925, 66730926, Fax: 040-66730926 Branch Office : H.NO: 31-43-4/1, LIG-57, 2nd Floor, Vuda Phase-2, Dwarakapuri Colony, Kurmannapalem, Visakhapatnam-530046. A.P., Mobile : 9701505182. Email: lawnnenviro@yahoo.co.in, info@lawnnenviro.in, URL : www.lawnnenviro.in					

Ground vibration & Free Silica:- Ground Vibration Monitoring is being done by Sagar Cements Limited for each blasting with the Micro Mate Instrument all the Vibration levels recorded are well within the permissible limits of statutory guidelines. Air Borne dust monitoring and analysis is being carried out twice a year and air borne dust levels are within the permissible limits.

Sl.No.	Location	Operation	Designation	Dust Concentration (mg/m ³)	Limits (mg/m ³)	Free Silica Content (%)	Limits (%)
1	Drilling Operator -01	Drilling of Limestone	Driller	0.13	3.0	Not Detected	5.0
2	Shovel Operator	Unloading of Limestone to crusher	Shovel Operator	0.24		Not Detected	
3	Dumper Operator	Movement of Dumpers carrying ROM from mine to crusher	HEMM Operator	0.18		Not Detected	
4	Crusher Operator	Crushing Lime stone	Crusher Helper	0.16		Not Detected	
5	Drilling Operator - 02	Driller	Driller	0.27		Not Detected	

Note:

1)

Instrument Name : **Personal Sampler**
 Model No : APM 800;
 Make : ENVIROTECH Instruments Pvt.Ltd.,
 Serial number : 914-DTA-2015
 Calibration On : 31-5-2025
 Calibration due On: 30-5-2026

2)

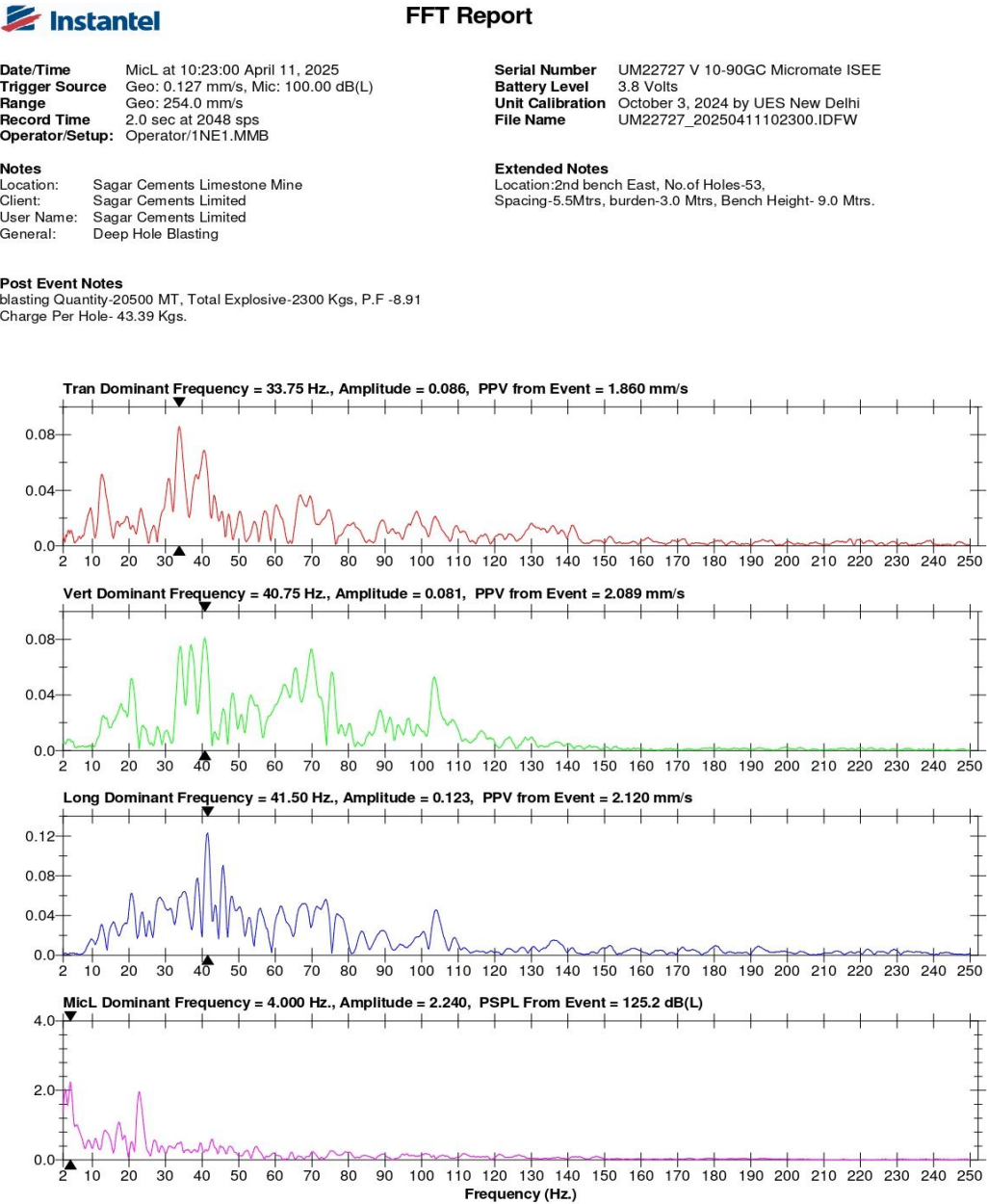
Instrument Name : **Personal Sampler**
 Model No : APM 800;
 Make : ENVIROTECH Instruments Pvt.Ltd.,
 Serial number : 914-DTA-2013
 Calibration On : 31-5-2025
 Calibration due On: 30-5-2026

3)

Instrument Name : **Personal Sampler**
 Model No : APM 801;
 Make : ENVIROTECH Instruments Pvt.Ltd.,
 Serial number : 67-B-23 P
 Calibration On : 03-7-2025
 Calibration due On: 02-7-2026


 AUTHORISED SIGNATORY

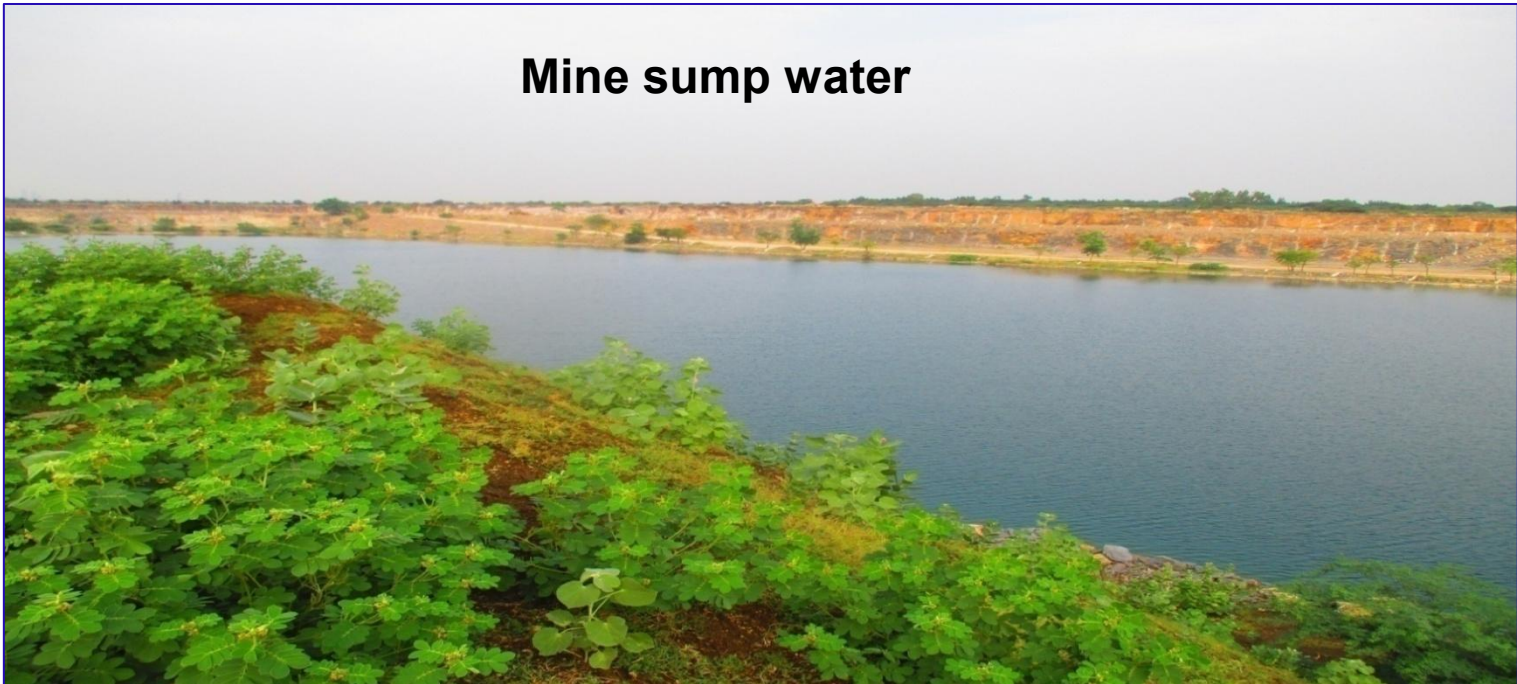
		LAWN ENVIRO PRIVATE LIMITED [Environmental Engineers & Consultants in Pollution Control] Recognised by MOEF&CC/PCB under EP Act, GOI, New Delhi & Laboratory Accredited by NABL			  ISO 9001, 14001 & 45001 Certified Company		
TEST REPORT							
REF.NO: LAWN/SCL-M/013/2025		Report Date: 30-12-2025					
AIR BORNE DUST & FREE SILICA ANALYSIS							
Name of the Industry & : SAGAR CEMENTS LIMESTONE MINE-2 OF M/s. SAGAR CEMENTS LTD., Address : Pedaveedu (V), Mattampally (M), Suryapet - (Dist).							
Date of Collection		: 19-12-2025					
Date of Analysis		: 22-12-2025					
Sl.No.	Location	Operation	Designation	Dust Concentration (mg/m ³)	Limit (mg/m ³)	Free Silica Content (%)	Limit (%)
1	Drilling Operator	Drilling of LimeStone	Driller	0.15	3.0	Not Detected	5.0
2	Shovel Operator	Unloading of Lime stone to crusher	Shovel Operator	0.22		Not Detected	
3	Dumper Operator	Movement of Dumpers carrying ROM from mine to crusher	HEMM Operator	0.34		Not Detected	
4	Water tanker Operator	Movement of Tanker carrying Water	Tanker Driver	0.18		Not Detected	
Note: 1) Instrument Name : Personal Sampler Model No : APM 800; Make : ENVIROTECH Instruments Pvt Ltd., Serial number : 914-DTA-2015 Calibration On : 31-5-2025 Calibration due On: 30-5-2026 2) Instrument Name : Personal Sampler Model No : APM 800; Make : ENVIROTECH Instruments Pvt Ltd., Serial number : 914-DTA-2013 Calibration On : 31-5-2025 Calibration due On: 30-5-2026 3) Instrument Name : Personal Sampler Model No : APM 801; Make : ENVIROTECH Instruments Pvt Ltd., Serial number : 67-B-23 P Calibration On : 03-7-2025 Calibration due On: 02-7-2026							
						 AUTHORISED SIGNATORY	
Corporate Office : "LAWN HOUSE", #184-C, Vengalrao Nagar, Hyderabad-500038. (T.S.) INDIA. Phone: 66730925, 66730926, Fax: 040-66730926 Branch Office : H.NO: 31-43-4/1, LIG-57, 2nd Floor, Vuda Phase-2, Dwarakapuri Colony, Kurmannapalem, Visakhapatnam-530046. A.P., Mobile : 9701505182. Email: lawnnenviro@yahoo.co.in, info@lawnnenviro.in, URL : www.lawnnenviro.in							







Check dam



Mine sump water



Roof top water harvesting pit



Bore water level measuring



Haul road wetting



Roof water harvesting pit

Bore water level measuring & Digital _ Piezometer





Awareness posters on environment protection

Environmental Slogans and Posters displayed in the Mines.



Constitution of SDU (Sustainable development Unit)	Constituted
Total Expenditure incurred for implementation Of SDF at Mine Level	About Rs.2,18,95,694/- spent towards implementation of SDF at mine level for the financial year 2025-26.
Innovation of energy saving by use of solar Power or other resources	About 75% of the power required in the mines is being provided from Solar Power Plant located in mines and plant premises. Using Fuel additives to minimise the diesel consumption in the HEMM.
Community development	Details attached.
Disposal of mill tailing/tailing dam management	Nil
Identification of safety hazards	Identified safety hazardous areas, prepared and distributed Safe Operating Procedures to the employees of respective areas and displayed the same at suitable locations.
proper setting of residential colony	Residential colony is located at the plant premises with well laid CC Roads and with all the facilities like OHC, Safe drinking water, Temple, Park, Play ground, School, Recreational Club with indoor games, Nursery etc. with thick plantation.
proper setting of administrative and industrial Building	Administrative office (Mines) with all the facilities like Chilled RO water, First Aid Station, Rest Rooms, OHP Conference Hall etc., Entire office is provided with Air Conditioners.
Effort for zero waste mining	We are using low grade limestone SiO ₂ with 15-24% by blending with high Gr. Lst.
Community centers	Provided



CSR Expenditure Incurred by SCL Mine - 1, for the FY-2025-26

Sl. No	Parameters	Particulars of work done	Expenditure Incurred (In Rs) 2025-26	Beneficiaries
1	Water Storage tanks drinking water supply facilities and irrigation support to agriculture	Expenses for maintenance of Pedaveedu and Raghunathapalem Lift and donation of 3 water tankers to Mattampally villagers etc...	14,93,149	Pedaveedu and Raghunath Palem villagers
2	Preventive measure for mitigation of mine related health problems	Expenses to conduct mega health camps and weekly medical camps at near by villages	2,15,501	Mattampally Villagers
3	Promotion of hygiene and sanitation public health initiatives	Payment of monthly honorarium to medical staff at PHC and veterinary assistants	10,79,248	Mattampally & Pedaveedu Villagers
4	Skill development and vocational training programmes for local communities	Payment of stipend to trainees under SDS scheme	26,91,328	Mattampally & Pedaveedu Villagers
5	Promotion of Literacy and Educations	Payment of monthly honorarium to school vidya volunteers, supporting staff and payment of salaries to school teachers etc...	67,50,347	Mattampally & Pedaveedu Villagers V
6	Support to social culture recreational activities	Payment of salaries to temple priests and financial assistance to all the religions festivals etc..	6,74,008	Mattampally & Pedaveedu Villagers V
7	Livelihood & Socio economic standard improvement on support	Payment of monthly honorariums to supporting staff working at govt offices.	4,87,000	Mattampally & Pedaveedu Villagers V
8	Importance of road connectivity and public transport and other infrastructure facilities	Laying of CC roads, installation of RO Water Plants and LED lights construction of school buildings etc... Pl bui	15,49,696	Mattampally & Pedaveedu Villagers V
Total Expenditure			1,49,40,277.00	

Constitution of SDU(Sustainable development Unit)	Constitued
Total Expenditure incurred for implementation Of SDF at Mine Level	About Rs.43,57,389 were spent towards implementation of SDF at mine level for the financial year 2025-26
Innovation of energy saving by use of solar Power or other resources	75 % of the power using in the mines is being provided from Solar Power Panels located in mines and plant premises.
Community development	Details Attached
Disposal of mill tailing/tailing dam management	Nil
Identification of safety hazards	Identified hazardous areas and prepared and distributed Safe Operating Procedures to employees working in respective areas and displayed the same at suitable locations.
Proper setting of residential colony	Residential colony is located at the plant premises with well laid CC Roads and with all the facilities like PHC, Safe drinking water, Temple, Park, Play ground, Club with indore games, thick plantation etc.
Proper setting of administrative and industrial Building	Administrative office (Mines) is located near lease area with all the facilities like Chilled RO water, First Aid Station, Rest Rooms etc...
Effort for zero waste mining	Entire limestone produced being consumed without stacking anyware.
Community centers	Provided



CSR Expenditure Incurred by SCL Mine - 2, for the FY 2025-26

Sl. No	Parameters	Particulars of work done	Expenditure Incurred (In Rs) 2025-26	Beneficiaries
1	Water Storage tanks drinking water supply facilities and irrigation support to agriculture	Ex- 70 Shovel Running For Mattampally Flood Affected Agricultural Land Levelling Work.	1,99,117	Pedaveedu and Raghunatha Palem villagers
2	Preventive measure for mitigation of mine related health problems	Mega Health Camp at Mattampally Village.	1,22,053	Mattampally & Pedaveedu Villagers
3	Promotion of hygiene and sanitation public health initiatives	Monthly honorarium to verinary assistants & Toilets construction.	4,14,500	Mattampally & Pedaveedu Villagers
4	Skill development and vocational training programmes for local communities	Providing skill development programmes for Degree and Diploma completed students under the scheme.	2,00,000	Mattampally & Pedaveedu Villagers
5	Promotion of Literacy and Educations	Payment of Monthly honorarium to school teachers, and consturction of Toilets for boys & Girls etc...Merit Scholarship awards, charges towards leveling of school compound ground.	2,94,000	Mattampally & Pedaveedu Villagers
6	Support to social culture recreational activities	Financial assistance for Mata church construction to Subhodaya Youth Association, Mattampally etc...	1,00,000	Mattampally & Pedaveedu Villagers
7	Livelihood & Socio economic standard implementation on support	Monthly honorarium payment to staff working at Bank	60,000	Mattampally & Pedaveedu Villagers
8	Importance of road connectivity and public transport and other infrastructure facilities	Donation of AC' s in mosques, Laying of CC Roads Etc...	6,89,901	Mattampally & Pedaveedu Villagers
Total Expenditure			20,79,571	







5:28 5G 66%

Sakshi | ...
er.sakshi.com

సాక్షి

సాగర్ సిమెంట్స్ సహకారంతో వాటర్ ప్లాంటు ఏర్పాటు

మతంపల్లి : మండలంలోని గుండ్లపల్లిలో సాగర్ సిమెంట్స్ పరిశ్రమ సహకారంతో రూ.2 లక్షలతో ఏర్పాటు చేసిన వాటర్ ప్లాంటును గురువారం పరిశ్రమ ప్రతినిధి తూడి వెంకటరెడ్డి ప్రారంభించారు. ఈ సందర్భంగా ఆయన మాట్లాడుతూ.. సీఎస్ఆర్ నిధులతో వాటర్ ప్లాంటు ఏర్పాటు చేసినట్లు వెంకటరెడ్డి తెలిపారు. పరిశ్రమ పరిధిలోని గ్రామాల అభివృద్ధికి తమ వంతు సహకారం ఎల్లప్పుడూ ఉంటుందన్నారు. ఈ సందర్భంగా గ్రామస్థులు పరిశ్రమ అధికారులకు ధన్యవాదాలు తెలిపారు. కార్యక్రమంలో కాంగ్రెస్ నాయకులు, మాజీ ఎంపీటీసీ గుండా వెంకటరమణ బ్రహ్మరెడ్డి తదితరులు పాల్గొన్నారు.



మండల ప్రజల ఆరోగ్యమే సాగర్ సిమెంట్స్ లక్ష్యం




- డీజీఎం హరిదాస్
- పెదవీడు లో
- ఉచిత క్యాన్సర్ నిర్ధారణ శిబిరం
- శిబిరంలో పాల్గొన్న 248 మంది గ్రామ ప్రజలు
- మునుపు ధైర్యవం సగం జబ్బును నయం చేస్తున్న
- బసవతారకం హాస్పిటల్ కోఆర్డినేటర్ సదాశివారెడ్డి
- సాగర్ సిమెంట్స్ వారికి ధన్యవాదాలు తెలిపిన గ్రామ ప్రజలు

సీక్స్ స్టూన్స్ సూపర్ ఫేబ్ టెక్స్ ప్రసాద (రామయ్య) జులై 14: మరలపల్లి మండలం పెదవీడు గ్రామంలోని ప్రభుత్వ పాఠశాలలో సాగర్ సిమెంట్స్ నిమిషాది వారి ఆధ్వర్యంలో ఉచిత క్యాన్సర్ నిర్ధారణ శిబిరాన్ని 2వ తేదీ ఆదివారం బసవతారకం ఇండ్లో ఆమెరికన్ క్యాన్సర్ హాస్పిటల్ మరియు రీడాక్స్ ఇన్స్టిట్యూట్ సహకారంతో శ్రీమతి నందమూరి బసవతారకం మెమోరియల్ క్యాన్సర్ ఫౌండేషన్ మరియు ఇండ్లో ఆమెరికన్ క్యాన్సర్ అడ్వైజేషన్ గాంధీ ప్రతీక వసతులలో శిబిరాన్ని ఉదయం 8.30 నాం లకు సాగర్ సిమెంట్స్ యాజమాన్యం శిబిరాన్ని ప్రారంభించారు. మొత్తం 248 మంది వైద్య శిబిరంలో పాల్గొనగా అందులో పురుషులు 111 మంది మహిళలు 137 మంది పాల్గొన్నారు. వెస్ట్ స్క్రీన్ టెస్ట్ 52 మంది మెమోగ్రాఫీ 25 మంది అల్ట్రా సౌండ్ అడ్వైజ్మెంట్ 84 మంది ఎక్స్ రే 18 మంది కి డాక్టర్స్ క్రాపిడి కుమారి గైసకాలజిస్ట్ డాక్టర్ సుధీర్ బసవతారకం డాక్టర్ హరిదాస్ మరియు బసవతారకం హాస్పిటల్ కోఆర్డినేటర్ సదాశివారెడ్డి ఆధ్వర్యంలో వైద్య పరీక్షలు నిర్వహించి ఉచిత మందులను పంచి డిశ్చారు. ఇల్లీ కార్ట్రక్ మండ్ కోఆర్డినేటర్ సదాశివారెడ్డి మాట్లాడుతూ ఏ జబ్బు ఉన్న మనిషి మొదటి భయపడకుండా ఉంటే సగం జబ్బు నయం అవుతుందని ముఖ్యంగా మహిళలు ఇది గమనించాలని మార్చుతున్న

కాలానికి అనుగుణంగా వైద్యరంగంలో ఎన్నో అధునాతన వైద్య పరికరాలు వచ్చాయని ముందుగా పరీక్షలు ద్వారా జబ్బు నిర్ధారణ జరిగితే కాలయాపన చేయకుండా అనుభవజ్ఞులైన వైద్యుల దగ్గరికి వెళితే మంచి వైద్యం అందుతుందని వైద్యరంగంలో సరికొత్త ఎన్నో మార్పులు అవసరమని మంచి మందులతో కాలక్రమంగా క్యాన్సర్ ను జయించవచ్చని దానికి నిదర్శనమే బసవతారకం క్యాన్సర్ హాస్పిటల్ అని ఎంపర్తో ఆ జబ్బు నుండి బయటపడి సమాజంలో ఆరోగ్యవంతులుగా సాటి మనిషి లాగా జీవిస్తున్నారని మనం తినే ఆహారంలో కొంత మార్పులు చేసుకోవాల్సిన అవసరం ఎంతైనా ఉందని ముఖ్యంగా మనిషికి మానసిక ప్రశాంతత అవసరమని డేనికీ భయపడవలసిన అవసరం లేదని అన్నారు. ఈ శిబిరంలో పునీత అన్నపూర్ణ వారి సత్యవేదకీ సాంఘిక సేవ సంస్థ (సీఎస్ఎస్) మరలపల్లి కోఆర్డినేటర్ అయినా డోయిపాటి ఎలిజబెత్ రాణి ఆదారి మేరీ వారు శిబిరంలో సేవా కార్యక్రమాలను వినియోగించారు. శిబిరానికి వచ్చిన ప్రజలకు సాగర్ సిమెంట్స్ యాజమాన్యం మధ్యాహ్నం ఫలహారాలు అందజేశారు. ఇల్లీ కార్ట్రక్ మండ్ సాగర్ సిమెంట్స్ యాజమాన్యం మరియు బసవతారకం వైద్య సిబ్బంది పాల్గొన్నారు.





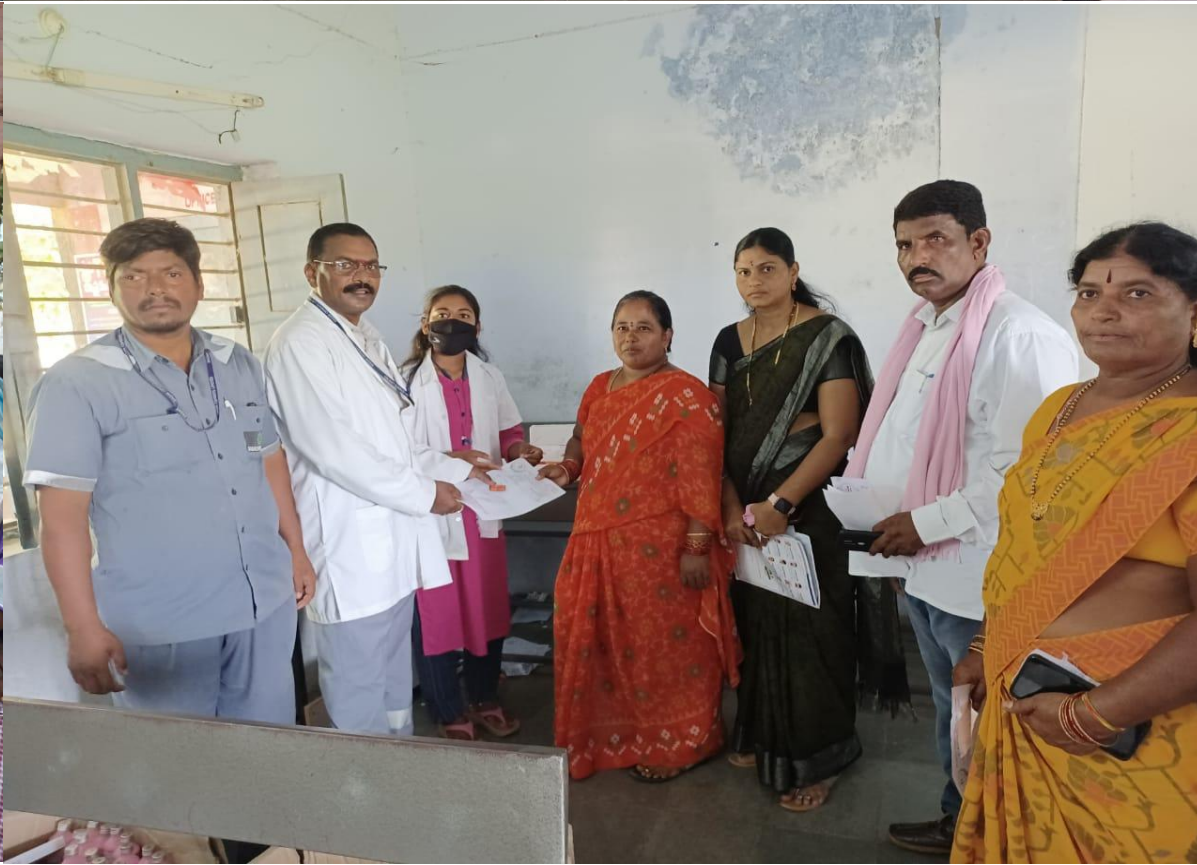
15 Jul 2024
<https://epaper.cknewstv.in/clip/160>

Mega Medical camps conducted at Mattampally & Pedaveedu Villages





Free Medical camps conducted at Mattampally & Pedaveedu Villages



Galaxy M14 5G
01 February 2024 10:39 am

Basic infrastructure like Table, Chairs & Iron Safes etc.. were Donated to Z P H S Pedaveedu Village



Donated Garbage trolley & Water Tanker to Peedaveedu village



Buttermilk supply for Chalivendramm at Mattampally from 21.04.2025 to 06.06.2025 (45 Days)





Blood Donation Camp at SCL Colony, Mattampally



Maintenance of Toilets Septic tank at Kasturba Girls School.



Construction of CC Roads at Mattampally and Pedaveedu Villages



Administrative Office (Mines) View



Admn. office (Mine)



HOD Chamber



Staff & Officers Chamber



First Aid Station



Record Room



Corridor 1st & 2nd Floor





Rest room

Canteen

a) Green Energy Usage	SCL is having 1.35 MW Solar Based Power plant located partially within the ML area more than 70% of the energy required for mining and allied operations being met from solar energy. Also company having EV loader and EV road sweeping machine etc.. To minimize the waste gases generation into the atmosphere.
b) Eco-Friendly Transportation	All the colony employees using bicycles to commute to attend the duties. Company is using fuel gadgets which minimizes the smoke emissions into the atmosphere. Also using the Hydraulic oil cleaning system by which we recycle the hydraulic oil used clean the same in the centrifugal system and reuse the oil for topping the hydraulic oil in the HEMM. Maintaining proper gradient during making ramps to minimize the diesel consumption.
c) Mining Waste Disposal	SCL is maintaining proper stacking of sub grade generated separately based on the grades.

d) RainWater Utilization

Company has constructed about 52 Rainwater, Roof top water harvesting pits in the mines, factory and residential colony premises with a aim to harvest the rainwater for augmentation of ground water. We are storing rainwater in the bottom benches so that ground water may recharge. apart the above we have constructed check dams across the seasonal nala passing through the ML area to recharge the ground water in the near by areas.

e) Dust Suppression Techniques

Sagar Cements practicing wet drilling. Company has undertaken thick plantation all along the MLB (7.5 mtrs) & 50 mtrs along the seasonal nala passing through ML area and along the haul roads crusher premises etcc.. Company is having auto water sprinkling system arrangement to the limestone hopper outside and water mist system inside the crusher hopper along the water sprinkling arrangement on conveyor belts carrying the crushed limestone to the stockpile and a 12 KL water tanker for water sprinkling on roads for dust suppression.

Solar Panels (1.35 MW) on Roof Top of Railway Wagon shed





Water sprinkling in the dumper body material



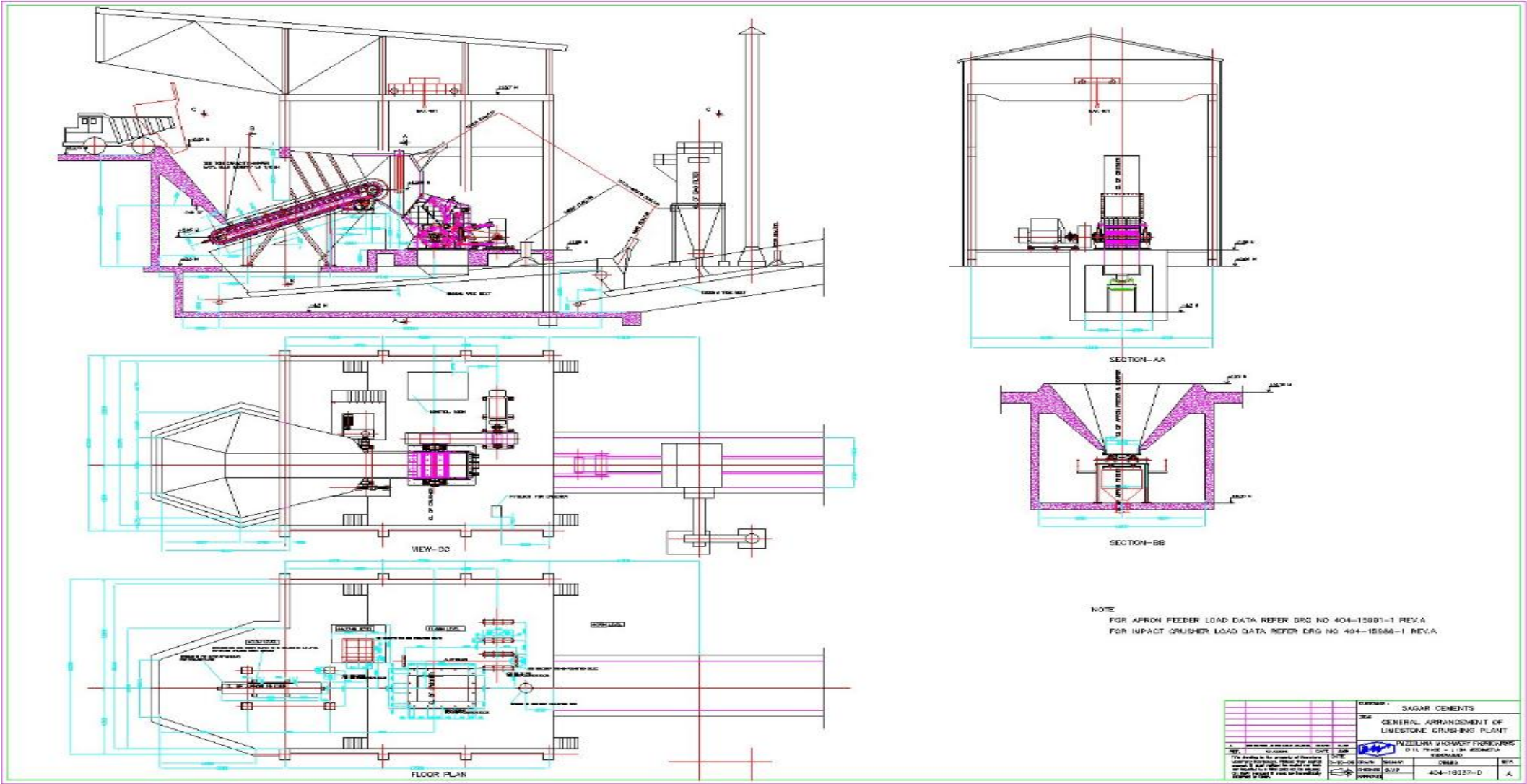
Water spray arrangement in the dump hopper



Haul road wetting

Sagar Cements Limited constantly adopting latest technology to reduce carbon foot prints apart from taking all the possible measures in house. Details of few as follows.

- ❖ Sagar Cements Using various devices to save the fuel cost up to 20% and reduces the emissions up to 80%.
- ❖ Using High efficiency Energy Star appliances. unplugging electronics when they are not in use.
- ❖ Periodical maintenance of Mining Machinery and supporting equipments.
- ❖ Inpit crusher installed to reduce fuel consumption.
- ❖ Preventive maintenance of HEMM. (Engine overhauling)



- General practice of placing limestone dump hopper is above the ground level, where a gradient of ramp would be 1in 20 with a 10 m height and 200 m length. Fuel consumption of similar capacity dumper at other plants are 36 L/hr.
- As Crusher at SCL installed at below the ground level and dump hopper is at surface level, the fuel consumption of the Dumpers carrying the limestone from mine to crusher dump hopper is 26 L/hr.
- The net fuel saving is 10 L/hr per each Dumper
- Up to 2008 to 2025-26 Dumper running hours 106850 and Average fuel consumption 26.19 L/hr each dumper. saving s comparing with other plant 8.81 L/hr per each Dumper
- Total fuel saving is 106850 X 8.81 = 941349 Liters

Total fuel savings	783.20tones
CO2 emission factor for fuel	74.10kg CO2/GJ
Fuel heating value	42.71 GJ/t
Total energy from fuel	33447 GJ
Total CO2 savings	2478t.CO2

EV Loader and Sweeping Machine



Purpose to reduce pollution and enhance the change period

- a) Reduced oil consumption**
- b) Extended oil change period**
- c) Reduced pollution & environmental impact**
- d) Fine filtration up to 1 micron**
- e) Reduced component wear & tear**
- f) Being used as top ups as & when required**



To control air pollution while cleaning dusty air filters

- 1. Usage of in house eco friendly device.**
- 2. The suction fan sucks down the dust from the filter and the air dust passes through the water tray where dust is trapped in water and clean air passes to the atmosphere.**
- 3. Air filter is placed inside the rubber curtain to avoid dust coming out.**
- 4. Make: Indigenous**
- 5. Results: Zero air pollution**
- 6. Working Principle: Simple but effective**



To reduce fuel consumption & subsequent reducing in carbon emission

1. Use of Fuel gadget on PC-1250 excavator on experimental basis
2. Purpose was to reduce the fuel consumption from 75 Ltrs / Hr
3. Results: Achieved 72 Ltrs / Hr consistently
4. Working Principle: Reduces engine RPM without effecting the productional basis





Blasting Shelter



Used Plastic bottle



Drilled hole covering plug

Sagar Cements Limited is committed to achieve zero waste mining by adopting the following.

Sagar Cements Limited practicing zero waste mining. SCL extracting entire limestone above threshold value by using the available resources and utilizing the same 100% without stocking anywhere.

- 1. Using Mining soft ware to blend the low grade and high grade Lime stones in suitable proportions.**
- 2. Using Cross Belt Analysers (CBA) for constant quality monitoring.**
- 3. Using petcoke/imported coal as fuel for kiln incineration to consume high siliceous limestone. etc...**

Sagar Cements has adopted "5S System. The 5S system is a workplace organization methodology that aims to improve efficiency and reduce waste by keeping the work environment clean and organized. Every Saturday we will conduct swachhata (cleaning) programme in mines & Garage area premises with mine and auto garage employees. SCL is having 4 sweeping machines for sweeping the roads and maintain the clean premises everyday. Apart from the above under swachhata Hi Seva - 2025 Campaign various activities as per the guidelines were carried out throughout the fortnight. Few photoes of SHS – 2025 and cleaning by mine employees displayed as following.



సాగర్ సిమెంట్స్ లిమిటెడ్: మట్టంపల్లి

ప్రతిజ్ఞ

స్వచ్ఛత యే సేవ - నావంతు కర్తవ్యం

మహాత్మా గాంధీజీ కన్న కలలు స్వచ్ఛమైన, నూతన భారతదేశ నిర్మాణం కోరకు మరియు ప్లాస్టిక్ రహిత నవభారతావన్ని నిర్మిమించడం కోరకు ప్లాస్టిక్ వ్యర్థాల సేకరణ వంటి అవగాహన కార్యక్రమాలు స్వచ్ఛత యే సేవ ఉద్యమంలో నావంతు కర్తవ్యం నిర్వహిస్తానని, నేను పరిశుభ్రంగా ఉండటంతో పాటు, పరిసరాల పరిశుభ్రతకోసం కోంత సమయం కేటాయిస్తానని, ప్లాస్టిక్ కవర్లు, బాటిల్స్ వంటి వస్తువులు వాడనని, వాడిన ప్లాస్టిక్ ని సక్రమంగా రీసైక్లింగ్ చేయుటకు సహకరిస్తానని, నాతోటి వారికి కూడ అవగాహన కల్పిస్తానని, నా గ్రామంలో, నా పాఠశాలలో, నా సంస్థలో నేను పరిశుభ్రతను పాటిస్తూ, నాతోటి వారుకూడ ప్లాస్టిక్ వాడకుండా అవగాహన కల్పిస్తానని, ప్లాస్టిక్ యతర వస్తువులు వాడేటట్లు, ప్లాస్టిక్ సమర్థవంతనిర్వహణ పద్ధతులు పాటించేలా నావంతు కర్తవ్యం నిర్వహిస్తానని, ప్లాస్టిక్ రహిత భారతదేశాన్ని నిర్మిద్దాం అని ప్రతిజ్ఞ చేయుచున్నాను.

Pamphlets published by company to create awareness on Swatchta hi Seva among employees .



SWACHHATA HI SEVA -2025 _ Palamuru colony



House Keeping Under Swatchhata Hi Seva – 2025 Campaign



Before



After Cleaning

TB Awareness Campaign to Villagers, Staff & Workers



BUSHES CLEANING ON EITHER SIDE OF THE PUBLIC ROAD UNDER SWACHHATA HI SEVA -2025 Campaign at Mattampally Village



SAFAI MITRA SURAKSHA SHIVIR UNDER SWACHHATA HI SEVA -2025 CAMPAIGN BY SCL









Garbage Separation & Collection Arrangements in the Colony



To Ensure Clean and Neat Environment in the Colony under Swachhata. Management has distributed to entire colony and provided dust collection facility from the houses of individuals in the colony.

పరిసరాల పరిశుభ్రం ఇంటింటా మరుగుదాడ్డి
ప్రతి ఒక్కరి కర్తవ్యం ఊరంతా ఆరాగ్యం

स्वच्छ भारत अभियान
మైనింగ్ రంగంలో స్వచ్ఛత పథ్వాడ
SAGAR CEMENTS LIMESTONE MINE
SAGAR CEMENTS LTD., MATTAMPALLY

సెల్ ఫోన్ కేంపీ తాందర్ర తిండికెండుకు తాందర్ర
మరుగుదాడ్డి కట్టు ముందర్ర సబ్బుతా చేయి కడుగు ముందర్ర

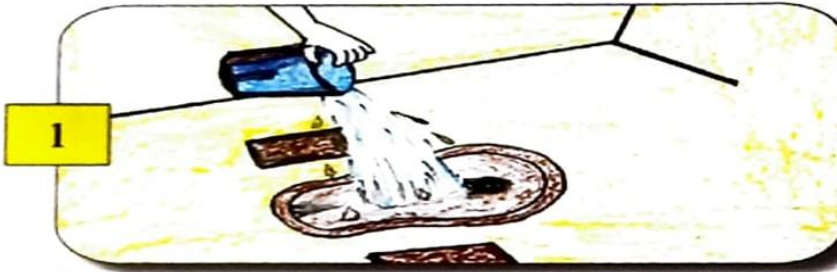
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Wash Your Hands After...

- 1** 
Playing with pets
- 2** 
Using the bathroom
- 3** 
Sneezing, blowing your nose & coughing
- 4** 
Touching a cut or open sore
- 5** 
Playing outside
- 6** 
AND Before...
Eating

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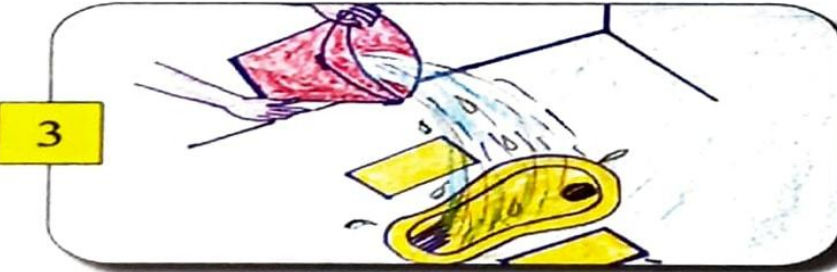
మీ మరుగు దొడ్డిని ఎలా ఉపయోగించాలి



మల విసర్జనకు ముందు ఒక లీటరు నీటితో "షాన్" ను కడి చేయాలి



"షాన్" కు అనుగుణంగా కూర్చోవాలి



మల విసర్జన తరువాత మరుగు దొడ్డిని నీటితో కడగాలి. మలము నీటి నీలును దాటినదా అని గమనించాలి.



మీ చేతులను నబ్బు, బూడిద లేదా మట్టితో కడగాలి.



మీ మరుగు దొడ్డిని శుభ్రంగా ఉంచుకోవాలి.



మరుగు దొడ్డిని ఉపయోగించిన తరువాత కలుపు మూసి వేయాలి.



स्वच्छ भारत अभियान
మైనింగ్ రంగంలో స్వచ్ఛత పథ్వాడ



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MINES ENVIRONMENT & MINERAL CONSERVATION WEEK



Mines Environment & Mineral Conservation week 2016-17, Overall 1st Prize









THANK YOU