

GREEN AUDIT REPORT

2022-2023

ALHAZ SUNAI BIBI CHOUDHURY COLLEGE

UDALI BAZAR:: HOJAI :: NAGAON:: ASSAM

ESTD: 1997



ALHAZ SUNAI BIBI CHOUDHURY COLLEGE

www.asbcc.ac.in

asbccollege97@gmail.com

Contents :

- 1. Introduction**
- 2. Certificate**
- 3. Internal Audit Team**
- 4. The Green Campus**
- 5. Satellite Image of the College and surrounding area**
- 6. Objectives**
- 7. Methodology**
- 8. Plan diversity**
- 9. List of Plants available in the Alhaz Sunai Bibi Choudhy College Campus & out side**
- 10. Faunal diversity**
 - i) Common Birds**
 - ii) Common Animal & reptile**
- 11. Waste Management**
- 12. Water Testing Report**
- 13. Conclusion & recommendation**

1. INTRODUCTION

To develop an eco-friendly and healthy environment, green audit has much impact to assess the institutional awareness and responsibility toward a sustainable future. It can create health consciousness and promote environmental values and ethics. Green audit is an umbrella term of "Environmental Audit" which aims to analyze the environmental practices within and outside the institutional campus.

As a green planet is facing a serious threatening by drastic environmental degradation and climatic change, the sustainability is becoming an increasingly important issue for the society. The rapid population growth, industrialization urbanization, deforestation for human habitation and cultivation, create a global ecological crisis. To reduce the problem, it is very important to develop a Green Campus in all institutions and organizations with prioritize framework of environmental sustainability in compliance with the applicable rules and regulation.

Institutional Green Audit has been becoming a paramount important which helps in assess and reflect the institution's endeavor to make the earth green and control carbon footprint as well as steps sustainable development. In recent time, all the higher institutions have been trying to developed a green campus which aims at reduce a sizable amount of atmospheric carbon-di-oxide and other intoxicants.

2.

Green Audit

ALHAZ SUNAI BIBI CHOUDHURY COLLEGE
UDALI BAZAR, NAGAON, ASSAM

Certificate

This is to certify that Green Audit for Alhaz Sunai Bibi Choudhury College, Udali Bazar, Lanka, Nagaon has conducted in the month of May-June.2023 to assess the institutional performance against environmental policies and its impact on the environment. Further it is certified that the assessment has been made on the basis of the original data collected from the college premises and verified the the internal Audit Team (Green Audit) for the validity and reliability. The photograph and data are genuine and are taken by the Audit team.

External Auditors:

1.

IC Lanka Range
Lanka

3.

INTERNAL AUDIT TEAM

SL. NO	NAME	INTERNAL AUDIT TEAM	Designation
1	Nassima Akhtara	Chairman	Principal I/C
2	Bitupan Mahanta	ITA, Coordinator	Asstt. Prof.
3	Kokil Deka	Member	Asstt. Prof.
4	Nilima Hazarika	Member	Asstt. Prof.
5	Mastufa kamal Ahmed	Member	Asstt. Prof.
6	Sunita Kharikap	Member	Asstt. Prof.
7	Atikul Islam Barbhuyan	Member	Senior Office Assistant
8	Parbeen Sultana	Member	Asstt. Librarian

N. Akhtara

Principal
Hazrat Sunal Bibi Choudhury College
Udali Bazar, Hojai (Assam)

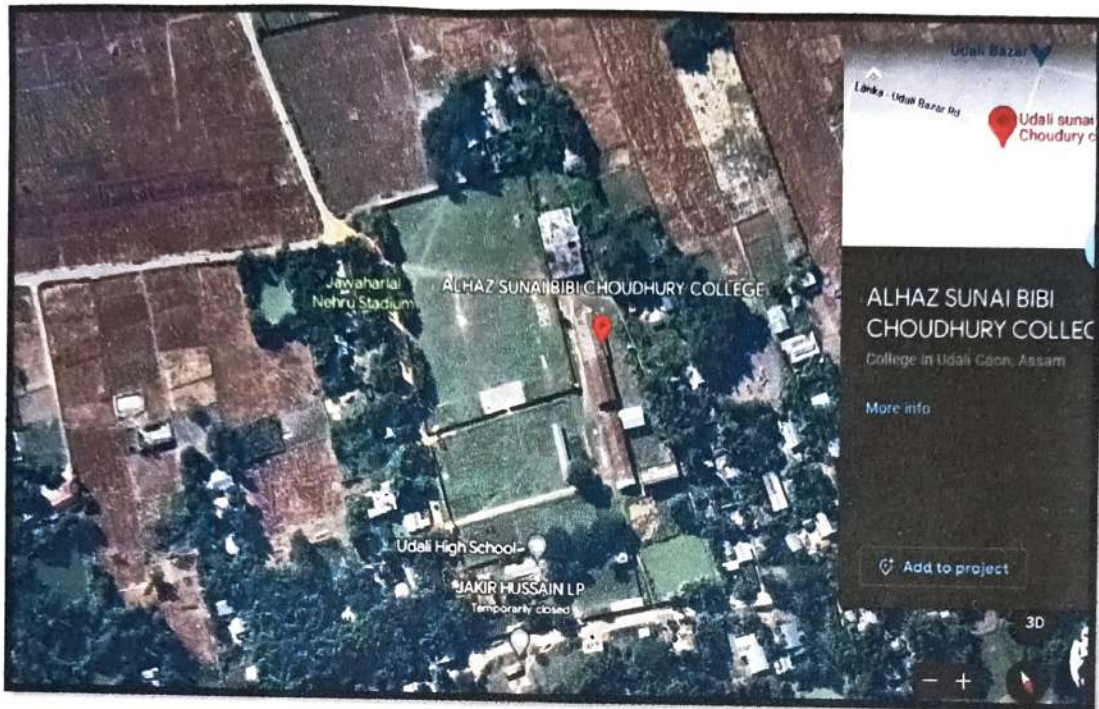
Alhaz Sunai Bibi Choudhury College

THE GREEN CAMPUS





5. Satellite Image of Alhaz Sunai Bibi Choudhury College and its surrounding



6. Objectives:

The objectives of Green audit are –

- To Create Health consciousness and promote environmental values and ethics.
- To make students and other stack holders aware towards a Green , sustainable and healthy Ecosystem.
- Top assess the current practices for environmental security within the college campus.
- To make adequate plan for future activities.

7. Methodology :

The process of Green audit is carried out by organizing a random survey among the students, Teachers, non-teaching staff, Library and Canteen personal where a format is used to collect the data. Must importance is put on physical inspection of the college campus, discussion and observation to summarize a report about the Green area management.

8. Plant Diversity

The College is situated near the Lumding Reserve Forest of Nagaon, Assam. The Lumding Reaserve Forest (RF) is an important wildlife habitat connecting the Marat-Longri Sanctuary(WLS) in Karbij Anglong District In the east and to Langting Mupa RF in the west. There are variety of plants are available in the college campus as well as in the surrounding area. College society has planted various kinds of plants and trees found in assam. Lot of trees are medicinal and fruit bearing.

List of Plants available in the Alhaz Sunai Bibi Choudhury College Campus and outside

Sl. No	Name of the Plant	Scientific Name	Number of Plant	Remark
1	Neem /Indian Lilac	<i>Azadirachta indica</i>		
2	Mango	<i>Mangifera indica</i>	05	
3	Chandan/sandal wood tree	<i>Santalum album</i>	05	
4	Olive	<i>Elaeocarpus serratus</i>	03	
5	Segun/Teak	<i>Tectona grandis</i>	105	
6	Simalu / Indian Cotton Wood	<i>Bombax ceiba</i>	01	
7	Krishnachura/Roal Poinciana	<i>Delonix regia</i>	72	
8	Debadaru/Mast Tree/Indian Fir Tree	<i>Polyalthia Longifolia</i>	16	
9	Tezpat/ Indian Coffee Plum	<i>Cannamomum tamala</i>	01	
10	Ponial Tree/ Indian Coffee Plum	<i>Flacourtia jangomas</i>	03	
11	Bokul/Maulsari Spanish Cheery	<i>Mimusops elengi</i>	06	
12	Jamuk / Rose Apple	<i>Syzygium jambos</i>	17	
13	Eajar/ Pride of India	<i>Lagerstroemia speciosa</i>	01	
14	Amla/Indian Gooseberry	<i>Phyllanthus emblica</i>	03	
15	Owtenga/ Elephant Apple	<i>Dillenia indica</i>	01	
16	Aporajita/ Asian pigeon wings	<i>Clitoria ternatea</i>	07	
17	Mocca Teteli		04	
18	Agor	<i>Aquilaria agalloca</i>	08	
19	Radhachura	<i>Cassia renigera</i>	15	
20	Sonaru	<i>Cassia fistula</i>	01	
21	Bel	<i>Feronia limonia</i>	01	
22	Poma		01	
23	Bougainvillea	<i>Bounainvillea glabra</i>	01	
24	Titasopa/		01	
25	Tamol	<i>Areacathecu</i>	04	

Plant varieties



Devadaru , Mast Tree,
Scientific Name : *Polyalthia Longifolia*

Neem /Indian Lilac
Scientific Name : *Azadirachta indica*

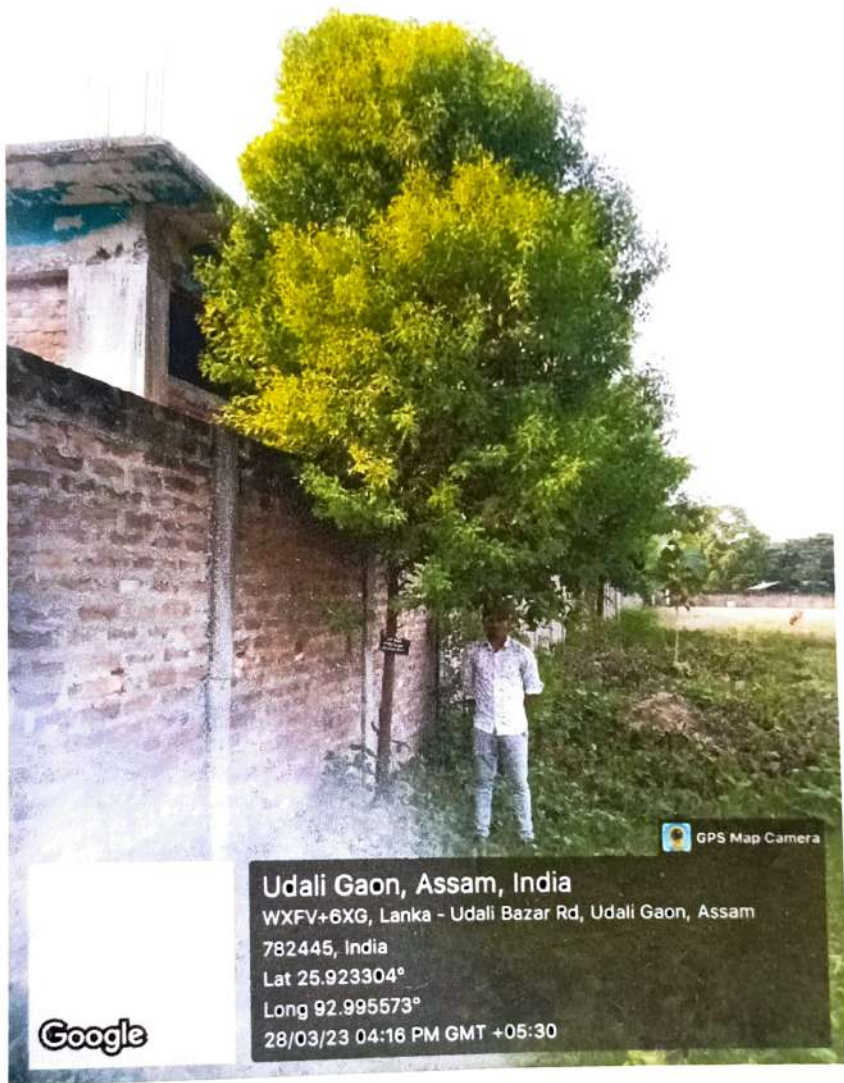




Segun/Teak
Scientific Name : *Tectona grandis*



Krishnachura/Roal Poinciana
Scientific Name : *Delonix regia*



Boga Chandan, White sandal wood Tree
Scientific Tree: *Santalum album*



Teacher Student Plantation Programme in college campus 06-09-2022



Udali Gaon, Assam, India
WXFV+6XG, Lanka - Udali Bazar Rd, Udali Gaon, Assam
782445, India
Lat 25.923304°
Long 92.995573°
20/02/23 12:42 PM GMT +05:30

Teacher Student Plantation Programme in college campus 20-02-2023



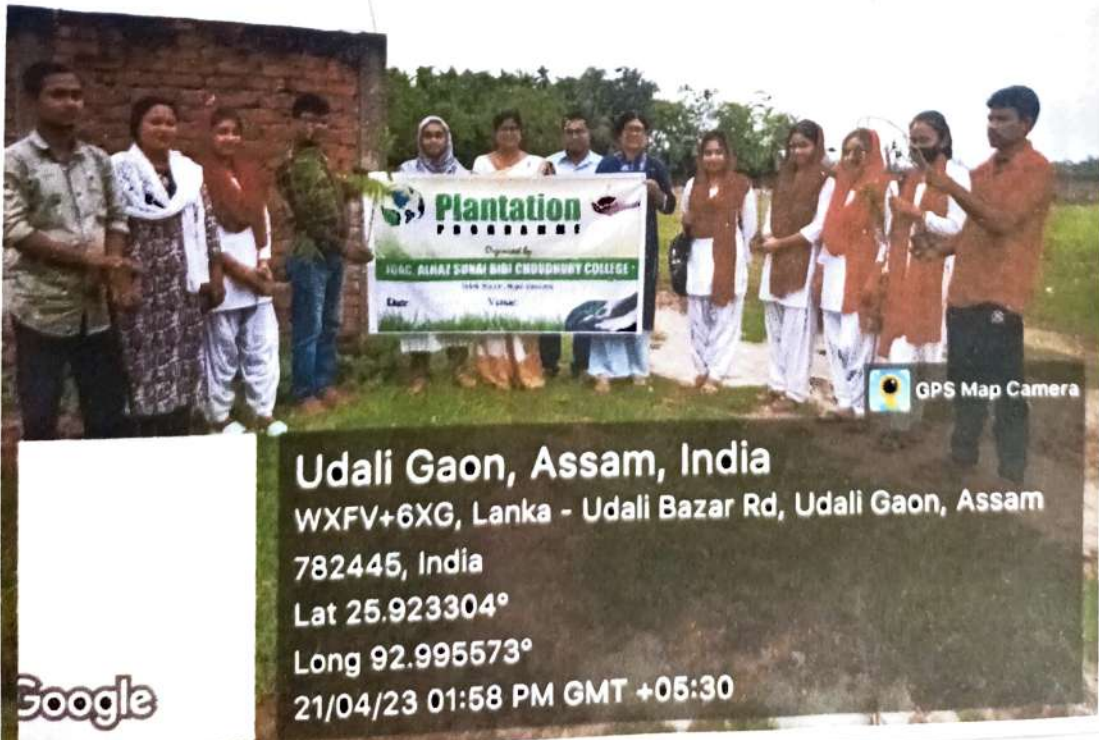
FIELD STUDY on Plant and Plantation 15-03-2023



FIELD STUDY on Plant and Plantation 15-03-2023



**'An Interaction programme' with DR.SONALI GHOSH, CCO
(Chief Conservator of Forest) Assam on SUSTAINABLE ENVIRONMENT 8th April-2023**



Udali Gaon, Assam, India
WXFV+6XG, Lanka - Udali Bazar Rd, Udali Gaon, Assam
782445, India
Lat 25.923304°
Long 92.995573°
21/04/23 01:58 PM GMT +05:30





Plantation Programme in college campus 15th July to 15th August 2022



Plantation Programme in college campus 15th July to 15th August 2022



Plantation Programme by Students of ABCC College at adopted Village, LONG MAILUNG.

24-06-2023

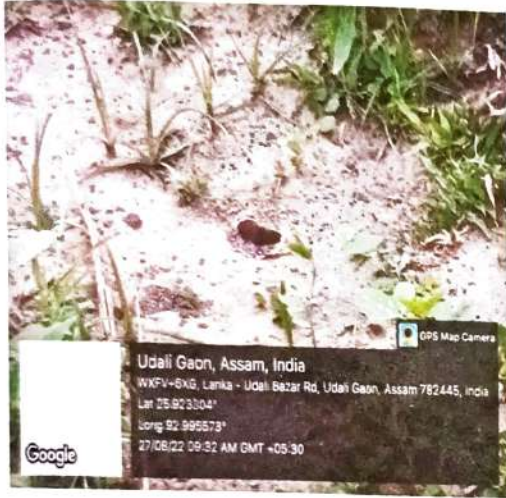


Plantation Programme by Students of ASBC College at adopted Village, LONG MAILUNG. 24-06-2023

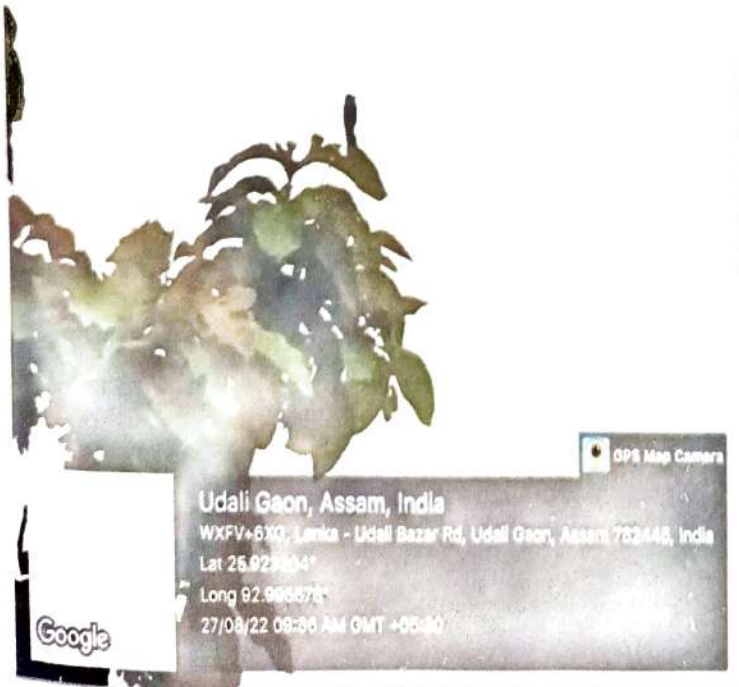
10. Faunal Diversity

The Green cover of the campus and its surrounding area provides a secured habitat of the local bird and animals. The birds available in the area given below :

Sl. No	Name of Birds	Scientific Name	Remark
1	Ghar Chirika/ House Sparrow	<i>Passer Concern</i>	
2	Kopou/ Dove	<i>Streptopelia orientalis</i>	
3	Kouri/ Crow	<i>Corvus splendens</i>	
4	Kuli/ Asian Koel	<i>Eudynamys scolopaceus</i>	
5	Bogolee/ While Heron	<i>Ardea alba</i>	
6	Bortokola/ Adjutant stork	<i>Leptoptilos Javanicus</i>	
7	Haitha/ Yellow footed green piegon	<i>Treron phoenicoptera</i>	
8	Kanamuchari/ Indian pond Heron	<i>Ardeola grayii</i>	
9	Gobar Khosara/ Hoopo	<i>Upupa epops</i>	
10	Phesa/ owl	<i>Glaucidium coccoloides</i>	
11	Ghar Salika/ Coomon Myna	<i>Acridotheres tristis</i>	
12	Chuti Salika/ Jungle Myna	<i>Acridotheres fuscus</i>	
13	Tipasi Sarai/ Common tailor Bird	<i>Orthotomes sutorius</i>	
14	Dauok/ White Breasted water Heron	<i>Amaurornis Phoenicurus</i>	
15	Dohi Kotora/ Oriental Magpie Robin	<i>Copsysus Saularis</i>	
16	Phesu/ Bhimraj/Black Drongo	<i>Disrurus paradiseus</i>	
17	Bulbulee/ Redvented Bulbul	<i>Pycnonolus cafer</i>	
18	Bihuwati sorai/ Common Lora	<i>Aegithinatiphia</i>	
19	Bhatou/ Parrot	<i>Psittacula alexandri</i>	
20	Chilonee/ Kite	<i>Milvus migrans govinda</i>	
21	Balimahi/ White waigtail	<i>Motacilla alba</i>	
22	Barhoi Tooka/ Wood pecker	<i>Dinopium Benghalense</i>	
23	Masroka/ Kingfisher	<i>Haleyon smymensis</i>	
24	Baduli/ Bat	<i>Pipistrellus pipistrellus</i>	



Butterfly was spotted in College



**'Phesu Sorai' Black Drongo
was spotted in college campus
27-08-2022**



'SALIKA', 'Common Myna', *Acridotheres tristis*, was spotted in Callege campus.

11.

ii) Common animals:

Sl. No.	Name of Animal	Scientific Name	Remark
1	Cow	Bos Taurus	Domestic Animal
2	Goat	Capra hircus	Domestic Animal
3	Dog	Canis lupus familliaris	Domestic Animal
4	Sheep	Ovis aries	Domestic Animal
5	Elephant	Elephas maximus	Wild Animal
6	Horse	Equus caballus	Domestic Animal
7	Fox	Vulpes vulpes	Wild Animal
8	Rabbit	Oryctolagus cuninulus	Wild Animal
9	Squirrel	Sciurus carolinensis	Wild Animal
	Mongoose	Herpestidae	Wild Animal

Sl. No.	Reptile	Scientific Name	Remark
	Various kind of Snakes		
1	i) Dhora saap/ Checkered keelback	Xenochrophis piscator	Non Venomous
	ii) Karshola Saap/Bronzback tree snake	Dendrlaphis schokari	Non Venomous
	iii) Mochowa Saap/Rat snake	Ptyas mucosa	Non Venomous
2	Kola Pheti / Indian Cobra	Najanaja	Venomous
3	Chokori Pheti/Monocled cobra	Naja kaouthia	Venomous
4	Goala Saap/ Branded Krait	Bungarus faciatus	Venomous
5	Gui / Monito Lizard		
6	Kaso/ Assam roofed Turtle	Testudines	
7	Kakoo Saap/ Toke Gecko	Geeko gecko	
8	Tezpia/Chameleon	Chamaeleonidae	



'Chameleon' rescued in the Teachers Common room 27-08-2022

11. Waste Management:

The College fraternity has been trying to lesson waste produce by the students in the campus. Non-Bio degradable waste like plastic bottle, and other plastic package sincerely thrown in to the dustbin placed in different parts of the college. Plastic water bottle used by students are lifted by some vendors for recycle. A very small amount of plastic packets kept in dustbins are burned away in a remote corner of the campus. Some waste material produced by ladies are managed by two 'incinerators' placed in two different waste rooms.



12. Water Testing Report



LUMDING SUB-DIVISIONAL LEVEL LABORATORY

LUMDING (PHE) SUB-DIVISION, LUMDING

Address : Sankardev Nagar PWSS complex, Vill- Sankar Basti, Pin: 782442

Test Report

Issued to : ALHAZ SUNAI BIBI CHOUDHURY COLLEGE
 Sample Description : Bore Well
 Pin Point Location : ALHAZ SUNAI BIBI CHOUDHURY COLLEGE
 Sample Collected on Dated : 03/07/2023
 Sample Location : Udali Bazar, Lanka, Hojai (Assam)

Issue Date: 04/07/2023
 Sample received on dated : 03/07/2023
 Submitted by : Nazrul Haque
 Sample Quantity : 1500 ml

Sl No.	Parameters	Protocol Used	Results	IS: 10500:2012 (Second Revision)		Unit
				Desirable limit	Max. Permissible limit (in absense better alternate source)	
1	pH	IS:3025:Part 11 @25 ° C	6.92	6.5-8.5	6.5-8.5	pH Units
2	Turbidity	IS:3025:Part 10	1.00	1.00	5.00	NTU
3	Total Hardness	IS:3025:Part 21	120	200.00	600	mg/L
4	Iron	IS:3025:Part 53	0.43	1.00	No Relaxation	mg/L
5	Sulphate	IS:3025:Part 24	20	200	400	
6	Nitrate	IS:3025:Part 34	15	45	No Relaxation	mg/L
7	Chloride	IS:3025:Part 32	28	250	1000	mg/L
8	Alkalinity	IS:3025:Part 23	45	200	600	mg/l
9	Odour	IS:3025:Part 5	Agreeable	Agreeable	Agreeable	
10	Taste	IS:3025:Part 8	Agreeable	Agreeable	Agreeable	
11	T.D.S	IS:3025:Part 16	240	600	2000	mg/L
12	Fluoride	IS:3025:Part 4	0.51	1.50	1.50	mg/L

Notes:

1. The results given above are related to the sample as received and tested in this laboratory. Reliability of sample lies with the sender.
2. The test report cannot be regenerated/re-produced in whole or in part without written permission of Laboratory.
3. The test report cannot be used for any publicity or any legal purpose.
4. The test samples meant for chemical analysis will be disposed of after 15 days from the date of issue of test report unless until specially requested by the customer for retaining over a longer period.

Sample Analysed by :

Besak
 04/07/2023
 Quality Manager
 Lunding SDLL
 Quality Manager
 Lunding SDLL

Authorised Signatory

Asstt. Engineer (PHE)
 i/c Laboratory
 Hojai Division, Hojai

i/c, Laboratory
 Lunding SDLL,
 Hojai PHE Division

Signature

Signature

13. Conclusion and Recommendation

The Study reveals that the college has to take some necessary steps for the development of the waste management, pure drinking water facility & vehicle parking management without which the health security within the college premises will not be satisfactory.

Following suggestion should be execute with utmost care:

- i. Concern waste disposal pits should be arranged separately in different places.
- ii. Number of the dustbins should be increased sufficiently.
- iii. College canteen facility needs utmost care and development.
- iv. Water purifiers should be installed.
- v. Running water facility should be developed.
- vi. Cycle, Motorcycle & Car parking should be arranged separately outside the college campus if possible.
- vii. Programme on environmental awareness, cleanness & plantation should be arranged as much as possible.
