



ANNUAL REPORT

2020



GEOLOGICAL SURVEY & MINES BUREAU

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2020



Ministry of Environment

GEOLOGICAL SURVEY AND MINES BUREAU

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VISION

“CONTRIBUTE TOWARDS THE SOCIO ECONOMIC DEVELOPMENT OF SRI LANKA BY UNDERSTANDING AND MANAGING EARTH AND ITS DYNAMISM TO UPLIFT PEOPLE’S LIVING STANDARDS AND LIVELIHOODS WHILE UPHOLDING SOCIAL, CULTURAL AND ENVIRONMENTAL VALUES”.

MISSION

“MANAGEMENT OF NATURAL RESOURCES AND THE ENVIRONMENT BY INVESTING IN RESEARCH TO UNDERSTAND EARTH AND ITS DYNAMISM, COMPILING A NATIONAL PORTFOLIO OF GEOLOGICAL RESOURCES, REGULATING EXPLORATION AND MINING FOR MINERALS AND PROCESSING, EXPLORING SUSTAINABLE STRATEGIC SERVICE PROVISIONS, PROVIDING EXPERT EARTH-SCIENCE INFORMATION AND STRATEGICALLY CONTRIBUTING TOWARDS THE SOCIO ECONOMIC DEVELOPMENT OF SRI LANKA IN COMPLIANCE WITH THE TECHNO- ECONOMIC AND SCIENTIFIC- SUSTAINABLE DEVELOPMENT”.

STRATEGIC OBJECTIVES

Given the broad range and complexity of GSMB's programmes, the plan is not an inventory of all objectives and initiatives GSMB will pursue on all actions that it will undertake instead, the plan presents prioritized objectives reflecting important changes and outcomes that GSMB hopes to achieve and key strategies that indicate the main approaches GSMB intends to take to meet these objectives. There are 10 objectives and strategies outlined for GSMB discussed under each of the four strategic frameworks with their respective strategies for achievement.

STRATEGIC OBJECTIVE

STRATEGIC OBJECTIVE 01

Reworking legislative framework for transparent, safe, Scientific ,sustainable and Competitive Regulatory Climate.

STRATEGIC OBJECTIVE 02

Enhance physical and human resource capacity building

STRATEGIC OBJECTIVE 03

Pursuing excellence in geoscience Research by promoting Studies, projects and collaborations.

STRATEGIC OBJECTIVE 04

Expanding resource and reserve base by stepping up exploration through accelerating partnership with resource rich countries.

STRATEGIC OBJECTIVE 05

Acquiring and preserving geoscience materials and information and compile a national portfolio of geological resources of Sri Lanka.

STRATEGIC OBJECTIVE 06

Facilitating techno-economic scientific and sustainable Development in the mineral sector.

STRATEGIC OBJECTIVE 07

Safety and mine rescue

STRATEGIC OBJECTIVE 08

Serving the public and geoscience community and establish community relations.

STRATEGIC OBJECTIVE 09

Enhance avenues of service generation for sustained development of the mission.

STRATEGIC OBJECTIVE 10

Strategically reduce the economic, social and environmental impacts due to natural hazards by monitoring earth dynamism and natural environment.

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Message from the Chairman



It is my pleasure to submit the Message for the Annual Report of 2020 as the newly appointed Chairman of the Bureau and also I received the fullest support of all Divisional Heads and staff during the year.

Within the first 2 months of the year, Bureau was able to achieve its targets but from March 2020 it was not easy due to the Covid 19 pandemic of the country. Though it was a pandemic, the divisional heads were met time to time with my short notices and therefore could be able to done basic activities of the bureau without any interruption. I must have to thankful for all the divisional heads and also their staff for the support given during that period which could manage day today activities while paying staff salaries without any deductions smoothly.

The GSMB was able to contribute to the Covid Fund of the Government with the contribution of the staff and also sponsored some medical equipment to the Negombo General Hospital.

Specially, I must have to mention that due to the efficiency of the heads and their staff we were able to reach the targets of issuing licences with the coordination of the Regional offices and head office while carrying out monitoring activities effectively. Therefore while controlling the Covid situation the GSMB reached its success and paid two months' salary to all of the staff as an incentive which was a strong support to them in this difficult time.

His Excellency the President has appointed me as a member of the Presidential Task Force to make a study of the exploitation of geological resources for development priorities and self-employment and to meet smallish economic livelihood needs of those engaged in Traditional vocations and the sources and methodologies of extraction of such resources in October 2020 and I thankfully mention the fullest support I received from the officers of GSMB for the success of these activities.

Finally, though we could not achieve all the targets mentioned in Annual Action Plan, we could manage most of them with the team spirit and again I thankful for all of you for your tremendous support given during this pandemic period and wish you all the best!

A handwritten signature in blue ink, appearing to read 'Anura Walpola', with a long horizontal stroke extending to the right.

Anura Walpola
Chairman
Geological Survey & Mines Bureau

Message from the Director General



It is with great pleasure to bring you this short message for the Annual Report of 2020 as the Director General of Geological Survey and Mines Bureau. The financial year of 2020 proved to be one of the years of stark contrasts. Even though the Bureau made steady progress during the first three months, the Bureau made steady progress; the functionalities of the Bureau had been adversely affected by the unexpected emergence of the COVID-19 pandemic. As we all aware the spreading of the virus resulted lockdowns and emergency circumstances of the country. Even under these unfavorable conditions, we are proud to say that the Bureau was able to redress the mining industry to stable state.

Environmental, technical and social governance is becoming more and more dominant in Mining industry for economical & sustainable development. In the year 2020, the Bureau has reached the income over expenditure of Rs. 768,180,997.96 which the contributions consists of Mining Division Income of Rs.2,046,390,247.60, Geology Division Income of Rs.31,201,852.74 and Other Income of Rs.168,567,067.60. With the appreciable collective involvement of all individuals of the Bureau, I am proud to mention that the Bureau was able to contribute Rs.1,190 million to the Treasury.

Apart from production enhancement and profit maximization the mining industry presents unique challenges in the field of worker safety mining sector. Safer mines are created through a combination of safety rules and regulations, accompanied with the appropriate technological equipping facilities with the reduction of both hazards and risks.

In order to encourage & persuade license holders to maintain appropriate safety practices, GSMB has launched a series of safety work shop program. Well-designed software was developed with direct involvement of Sri Lanka Navy to regulate & monitor the explosive utilization in the country. On the other hand, by way of reassessing the explosive requirement of the industry, GSMB was able to restructure explosive usage criteria.

GSMB involved in settling down the panic community after the tremor situation in Kandy area & the conducted investigational studying to identify the future occurrences such as unfavorable phenomena. In addition, geological mapping has been continued & reserve estimations such as Eppawala phosphate, Kotikambokka vein quartz deposits, etc have been progressively continued through geology division of GSMB.

Since the determination of actual mined out rock volume found to be utmost important in smooth running of the mining industry, a new estimating methodology proposed to be implemented in next year to determine the mined out in-situ rock volume in more precious way. Appropriate recommendations & proposals were made for the Presidential Task Force the focusing towards upcoming year in order to make affective utilization of mineralogical resources of the country.

I would like to acknowledge the Chairman & the Board of Directors for their wise counsel and valuable input during unprecedented conditions. I would also like to present my heartiest gratitude to our employees and stakeholders for their tremendous support made for the betterment of the past year.

The economic environment of the country is fast challenging due to economic growth advocated by the visionary leadership of the president, leaving us lot of scope for improvement change and challenge in the time to come. Year 2020 had been an eventful and challenging year & we wish to continue to support the engine of growth in the future which drives to make reality of Sri Lanka being the “Emerging Wonder of the World”.



Eng. D. Sajjana de Silva
B.Sc. (Eng), C.Eng. MIE (SL)
Director General

BOARD OF MANAGEMENT

Chairman	: Mr. Anura Walpola
Members	: Mr. A R Wickramaratne Mr. W D S C Weliwatta Mr. W P G Wijewardena Mr. W M I D Wijesundara Mr. I C Pathiraja

SENIOR MANAGEMENT

Chairman	: Mr. Anura Walpola
Director General	: Eng. Mr. D Sajjana De Silva
Senior Director (Geology)	: Mr. K T U S De Silva
Director (Geological Information and Mapping)	: Mr. M M J P Ajith Prema
Director (Mining Titling)	: Mrs. K A P Hemalatha
Director (Laboratory and Physical Testing)	: Mrs. Y P S P Siriwardena
Director (Environmental Impact Assesment & Regions)	: Mr. L A Fernando
Director (Mine Safety)	: Mr. K D J K Kumara
Director (Human Resources)	: Mr. U J P Senaratne
Director (Finance)	: Mrs. R K S K Rahubadda

ABOUT THE BUREAU

We lead the Mineral Industries in Sri Lanka

The GSMB, established for provision of services under the Mines and Minerals act, No.33 of 1992, is the lead agency in mineral development underscores the Government's commitment to promoting mineral-based industries.

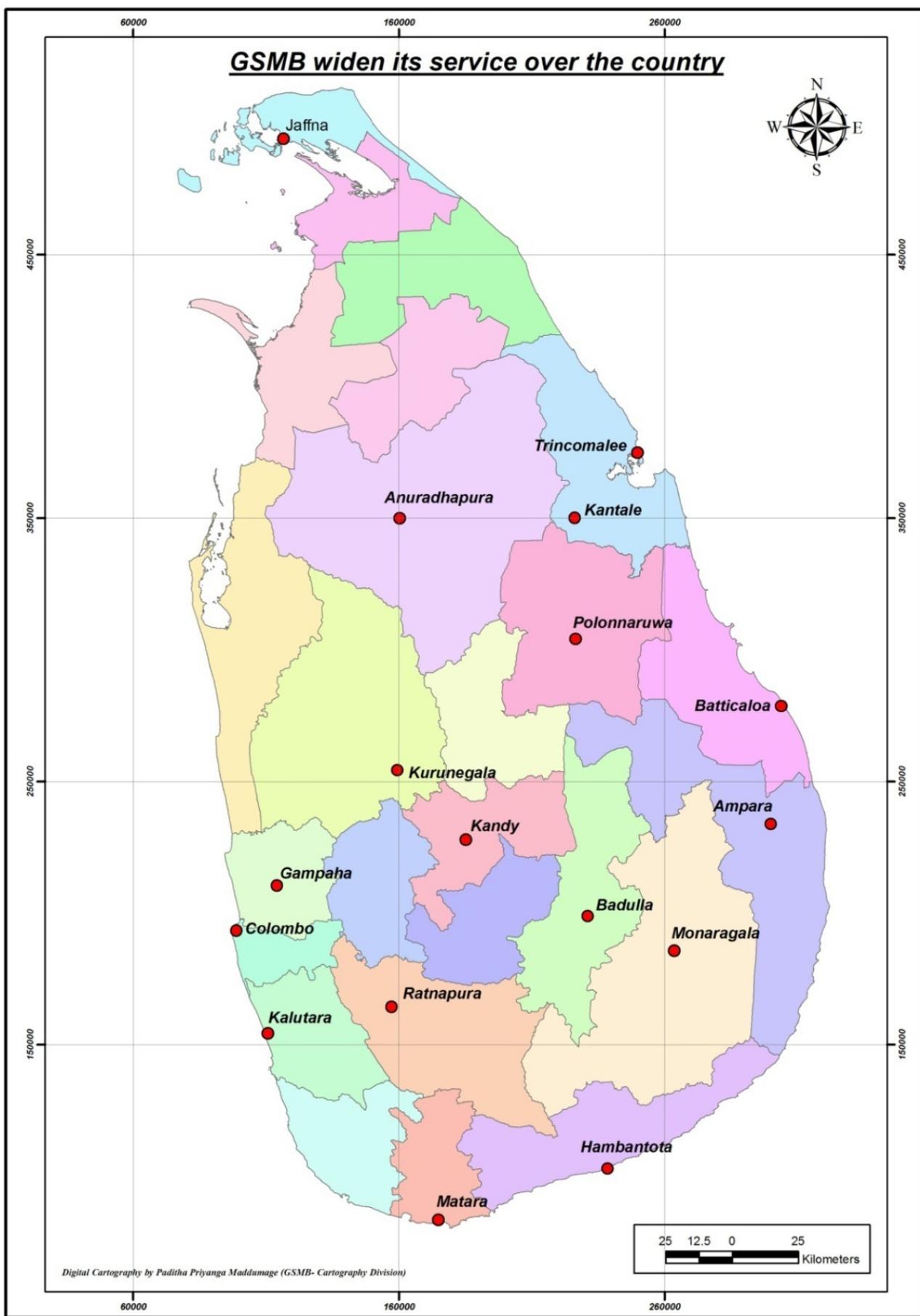
The Geological Survey and Mines Bureau (GSMB), being the authorized agency for the minerals development in Sri Lanka, is the organization for mineral investigations carried out to date and the accrued benefits to the country.

Sri Lanka being a small country, its sub surface mineral wealth is also equally small. Therefore, the organization, whilst encouraging the establishment of mineral based industries, emphasizes frugal use of minerals and warns against waste, as minerals are non-renewable commodities.

Being the nation's principal provider of the Geoscientific capability, GSMB advances the understanding about earth resources, related issues and problems. The diversity of the scientific expertise enables us to carry out multi-disciplinary investigations and provide impartial scientific information including a series of Geoscientific maps to resource managers, planners, and other customers. The GSMB serves the nation to describe and understand the Earth; minimize loss of life and property from natural disasters; manage geological, energy, and mineral resources; and enhance and protect our quality of life.

The Bureau has four primary operations: geological mapping and mineral exploration, mining titles and mining regulation (core activity); client responsive activities (mineral resource surveys, laboratory services, geophysical and drilling contracts) and geo-science information (access to published and unpublished reports, maps and other archives in its Library).

The Mines Division is presently functioning with 15 Regional Offices at Kandy, Matara, Kurunegala, Badulla, Ratnapura, Anuradhapura, Ampara, Monaragala, Hambantota, Trincomalee, Kalutara, Jaffna, Batticaloa, Gampaha, Polonnaruwa, Colombo and with 2 sub offices at Hasalaka and Kantale. The major activities of these Regional Offices are to cater better services for the customers who are engaged in various Mining Industries in relevant provinces and control the illegal mining activities.



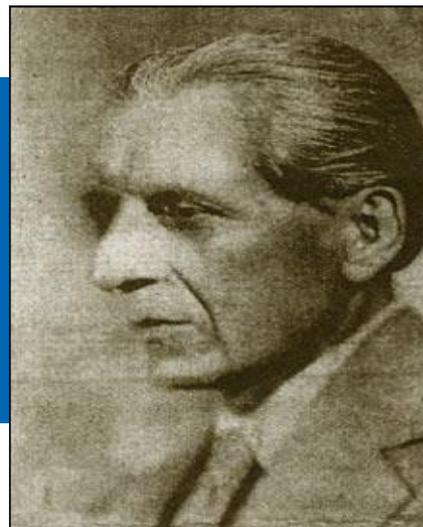
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GEOLOGICAL SURVER & MINES BUREAU

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HISTORICAL BACKGROUND



The Geological Survey and Mines Bureau is the proud successor to a series of geo-scientific departments which spans more than a century, starting as the Mineral Survey of Ceylon (MSC) in 1903 headed by Dr. Ananda Coomaraswamy. Throughout the history, these departments had an exceptional record of discovering, promoting and acquiring data on the country's mineral resources, to which all currently operating mineral-based industries owe their existence.

By 1939, the MSC was known as the Department of Mineralogy and in 1962 renamed again as the Geological Survey Department. On 18th March 1993 the Bureau was established through the Mines and Minerals Act#33 of 1992 to combine the functions of the Geological Survey with the new responsibilities of a modern Mines Department.

The establishment of the Bureau as the lead agency in mineral development underscores the Government's commitment to promoting mineral-based industries. Minerals, by providing substitutes for expensive imports; commodities for the building and construction industry and the raw materials for export industries, create employment and generate income for the country. The Bureau is also responsible for maintaining the national geo-science database, and ensuring that this information is made available to the public.

Future Plans of the Geological Survey and Mines Bureau

The following plans are outlined as future major activities to be carried out in the two main areas of Geology and Mining divisions,

1. Completing the Government Process Reengineering Activities based on the proposals submitted by PWC,
2. Establishment of a modern Engineering Geological Laboratory,
3. Enhancement of petrology laboratory infrastructure,
4. Enhancement of Analytical Laboratory facilities,
5. Development of state-of-art Geological infrastructure,
6. Development of Drilling equipment storage,
7. Establishment of a engineering design unit,
8. Enhancement of rehabilitation of mine closer activities,
9. Improvement of EIA/IEER activities,
10. Conducting market value surveys,
11. Establishment of new regional offices,
12. Acquire lands for regional offices,
13. Introducing a TPL tracking system,
14. Introducing a GPR,
15. Process standardization by obtaining 5S and ISO standards,
16. Quaternary mapping,
17. Soil geochemical mapping,
18. Publications of year books,
19. Stream sediment surveys of river basins,
20. Nuclear raw material survey,
21. Quantifying of seismic,
22. Geo-engineering properties of subsurface layers of metropolitan areas, geophysical survey on possible extension of the Eppawala phosphate deposit,

GEOLOGY DIVISION

PROGRESS FROM JANUARY TO DECEMBER 2020 GEOLOGICAL SURVEY AND MINES BUREAU

The progress of the Geology Division is described under three categories (1) action plan activities which are mainly funded by GSMB funds (2) client responsive projects which carried out on requests of clients and (3) other activities including short field visits, meetings, trainings and publications.

1.1. Action Plan Activities (GSMB Funds)

The action plan activities of the Geology Division for year 2020 were carried out under 04 major performance areas (MPA).

MPA-1	Mapping, Generation of Geo-scientific Information (Geo-data) and Data Dissemination
MPA-2	Mineral Surveys, Geophysical Surveys and Resource Assessment
MPA-3	Research & Development Earth properties and Seismic Activity Monitoring
MPA-4	Development of Infrastructure, Laboratory Facilities and Drilling Capacity

MPA - 1 Mapping, Generation of Geo-scientific Information (Geo-data) and Data Dissemination

(a) Printing of Geological Maps:

Publishing of the geological maps covering entire Sri Lanka is one of the major functions of the Bureau. The geological maps which contain the geo-information of the terrain are used in a wide range of activities including mineral and ground water exploration, major construction and civil engineering works and preparation of landslide hazard maps etc. The GSMB completed the printing of all 21 geological maps (1: 100,000 scale) covering the entire country in year 2014. Geological mapping at 1:25,000 scale was commenced in 2019. This is carried out based on 1:50,000 scale ABMP map published by the survey Department. Under this programme Nilaveli Sheet (No 23) was selected as the first map. Field work (mapping) and laboratory analysis are completed and map compilation is being carried out.

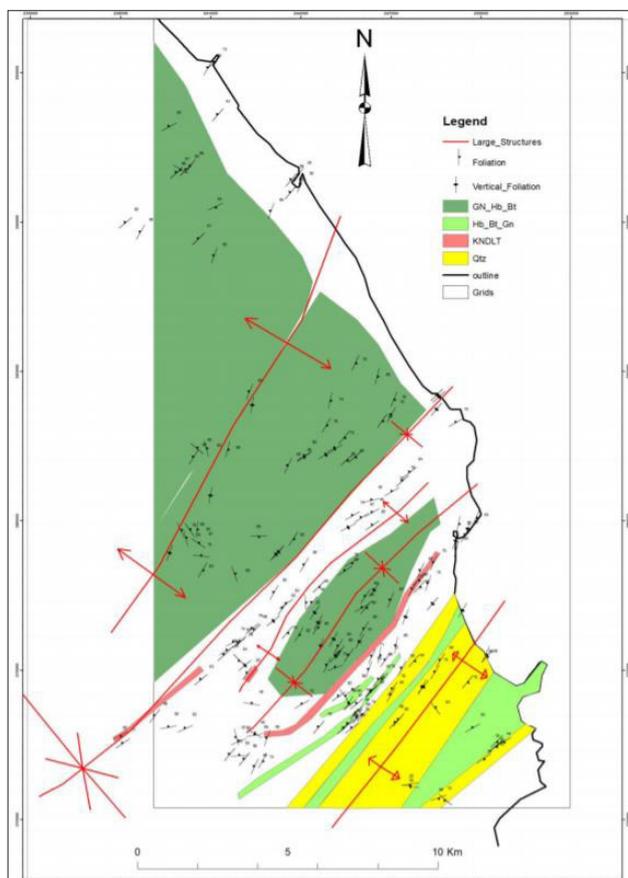


Fig.1: Geology map of Nilaveli (under compilation)

(b) Quaternary Mapping (Coastal Zone) Program

The 'Quaternary' period of the geological time scale span from about two million years ago to the present. The quaternary formations of Sri Lanka are mainly restricted to coastal sediments, alluvial sediments in the flood plains and include soil formations. Yet, these formations are highly significant as they include economically important clay and sand deposits, coral deposits, the fertile soil cover and ground water bodies, The Geological Survey & Mines Bureau launched a project entitled "Quaternary Geological Mapping" in 2008.

Printing of Quaternary Mapping Programme

Compilation of Silavatturai and Tissamaharama maps are about 95% completed and they will be ready for printing in the first quarter of 2021.

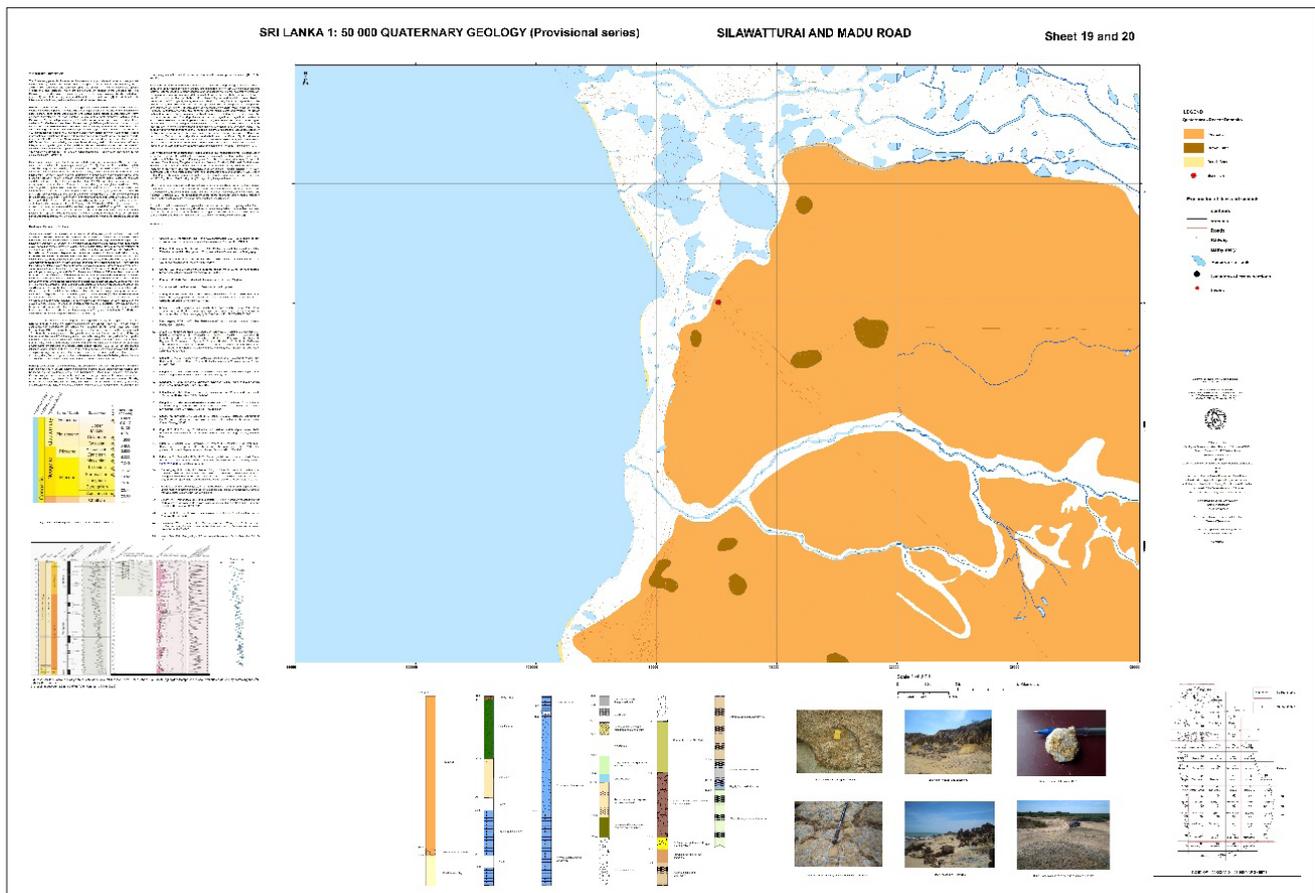


Fig 2: Silavatturai map which is almost completed

Compilation of Quaternary Mapping

Map compilation of Kalpitiya and Yale sheets were carried out. Approximately 30% was completed and these maps were scheduled to complete in 2021.

(c) Soil Geochemical Mapping Programme

The soil geochemical mapping programme was initiated in year the 2008 to study the geochemical characteristics of soil. These maps are useful in mineral exploration, environmental monitoring, and agricultural research and in geo-health hazard studies. Geochemical mapping work is being carried out on 1:50,000 scale base maps.

Two soil samples are collected from the surface and 2m depth, for each 1 km² grid area at each 4km². The chemical properties are analyzed using the Atomic Absorption Spectrophotometer (AAS) and the Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Field work of Soil Geochemical Mapping Programme

Field work of Sheet No. 19 (Aluthgama – Galle) is completed. Detailed geochemical mapping was introduced to study specific areas in the published maps. Under this programme, detailed mapping on Hambantota Industrial zone is completed.



Fig 3: Soil sampling by auguring method

Laboratory work of Soil Geochemical Mapping Programme

Analytical work of Sheet No. 6 (Vavunia – Trincomalee) is completed. Initial preparation of samples from Sheet No. 19 (Aluthgama – Galle) is completed and analysis is in progress.

Compilation and Printing of Soil Geochemical Mapping Programme

Compilation of sheet No 06 of Geochemical Atlas was being carried out.

(d) The “Minerals Year Books - 2019”

The print ready versions of Mineral Year Books of Year 2019 and 2020 almost completed.

(e) Provincial Mineral Surveys and Provincial Mineral Maps

The printing of Provincial Mineral Maps of North Central Province and Sabaragamuwa Province were completed and print ready versions were submitted for printing at the end of year 2019. Print ready version of Uva Province also was submitted in 1st quarter of 2020. However, the printed maps are yet to be received from printers as these are printed in China, hence the process was delayed due to prevailing Covid 19 situation.

Field work of Southern provincial mineral survey is being carried out.

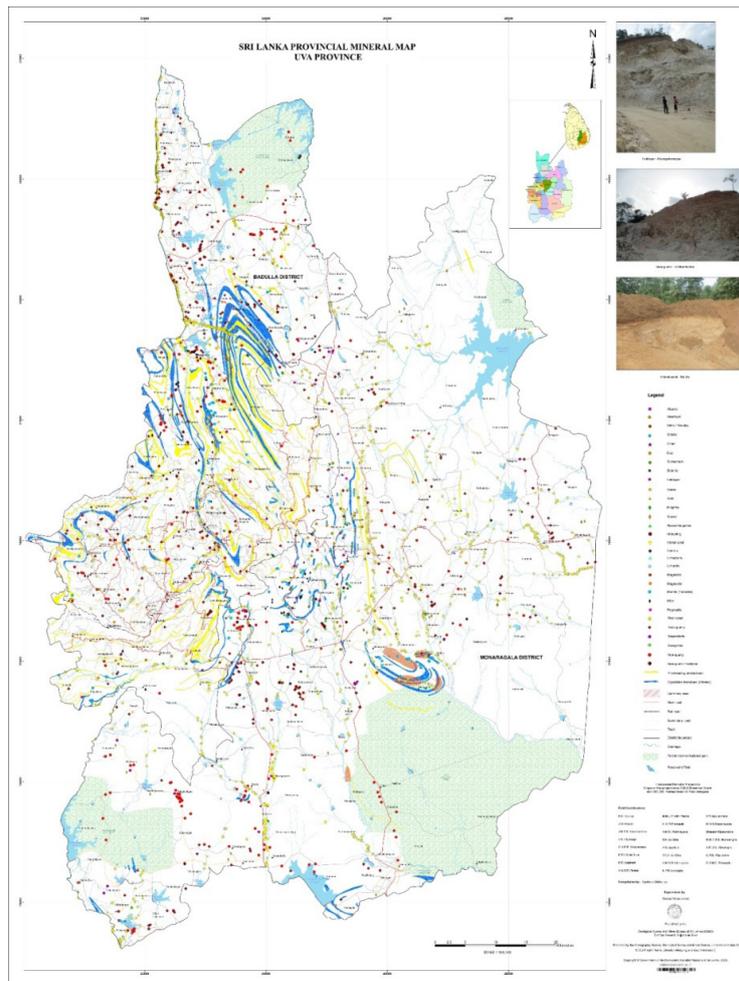


Fig. 4: Print-ready version of Uva Provincial Mineral map.

(f) Preparation of Mineral Specific Maps/ Reports

Final reports of Mineral Specific Reports on “Vein Quartz” and “Mineral Sand” are being prepared.

(a) Stream Sediments Surveys of River basins

Walawe Ganga

Located further south of the Rathnapura gem fields, the Walawe Ganga basin is one of the most important river systems in Sri Lanka. The occurrence of many varieties of gemstones, alluvial gold, zircon-bearing syenite bodies and metalliferous serpentinites in the drainage basin enhance the geological and the economic importance of the basin.

Since this importance the project “stream sediments analysis of Walawe Basing” had been conducted as an annual action plan task of Geological Survey and Mines Bureau in 2015. The higher elevated areas of the Walawe Ganga drainage basin were selected as the first phase of the study and this report contains the techniques and methods used to separate and analysis of heavy minerals in the basin and the relevant findings with conclusions.

Field work was completed in year 2019 and laboratory analysis was completed in year 2020. Final report compilation is currently being carried out.

Kirindi Oya

The stream sediment survey was conducted along Kirindi oya basin also for the same purpose in year 2020. Field work was completed in year 2019 and laboratory analysis was completed in year 2020. Final report compilation is currently being carried out.

(b) The IAEA Assisted Nuclear Raw Material Survey and Allied Activities

Car - borne Gamma Ray Spectrometer Survey

Car-borne Gamma Ray Spectrometer Survey was planned to be carried out in Rakwana-Tangalle map area. Initial field survey and detailed field surveys are completed. Laboratory work has also been completed. Map of initial survey is completed and final map preparation for detailed survey is being carried out.

For the Car-borne Gamma Ray Survey in Aluthgama – Galle map area, initial field survey, map of initial survey and detailed survey are completed. Final map and report preparation are being carried out.

Nuclear Raw Material Survey along the Coastal Stretch from Colombo to Kirinda

Field work for nuclear raw material survey along the coastal stretch from Colombo to Kirinda was completed. Final report of this survey is being carried out.

Compilation of nuclear raw material survey data

Radiological data processing, mineralogical analysis and geochemical data analysis completed. Final compilation and report were being carried out.

Car-Borne Gamma Ray Survey Map, Galle-Aluthgama 1:100 000 Geological Sheet (No.19)

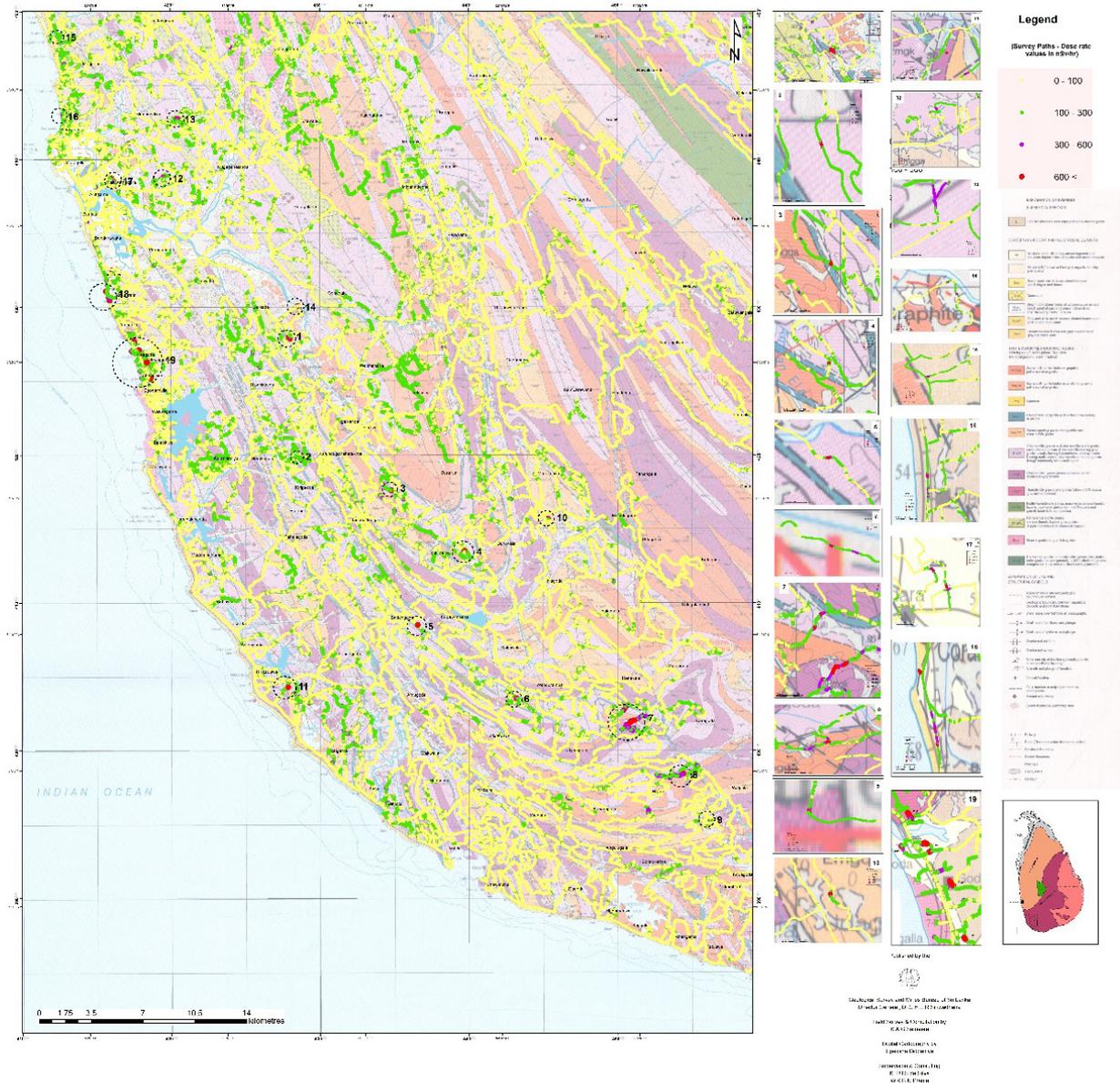


Fig. 5: Results of Car-Borne Gamma Ray survey in Galle – Aluthgama area.

(c) Detailed survey on Northern part of Eppawala Rock Phosphate Deposit

It has concluded some facts from the studies. With these circumstances, Eppawala phosphate occurrence seems to be the only economically viable occurrence, hence the efforts to assess phosphate minerals of Sri Lanka confined to the same.

Geological mapping and land use pattern

Geological mapping and rock sampling (field work) were already completed in 2019. Surface mapping identified that the areal extent of the phosphate bearing zone is about 2.23 km². Draft maps and models were prepared using those data. Owing to the results of geological mapping, carried out a survey to update the land ownerships and land use map of the area where the new resources identified.

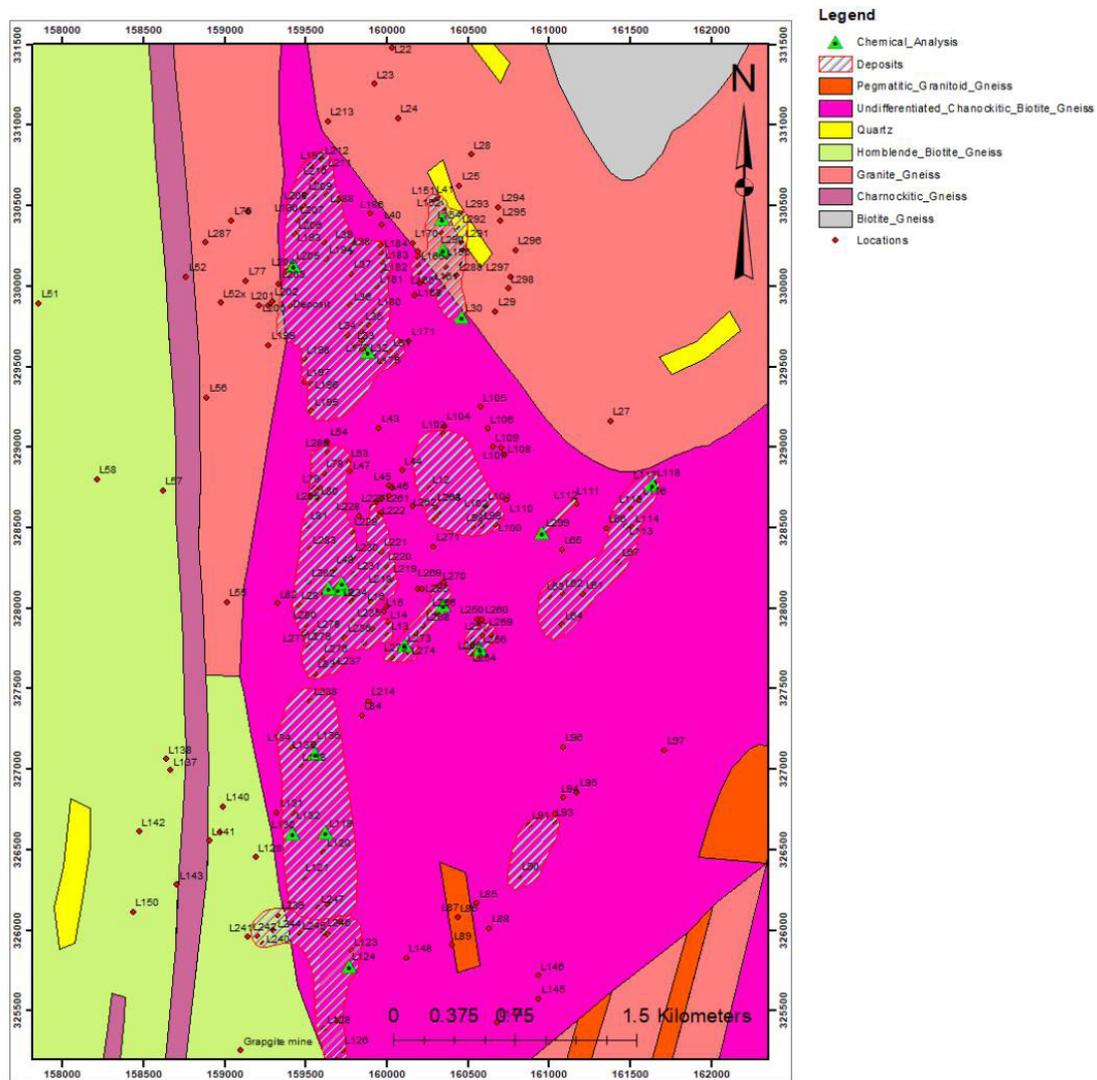


Fig.6: Geology Map in and around Eppawala Rock Phosphate Deposit

Geophysical Survey

Geophysical work for understand the subsurface behavior and the demarcation of the boundary of the deposit. Magnetic and resistivity methods have been used in geophysical exploration activity within 5-6 months. The work was completed.

Integrated geological and geophysical approach managed to build a model explaining the characters of the phosphate deposit and recommended drilling will provide necessary ground-truths to rectify the model

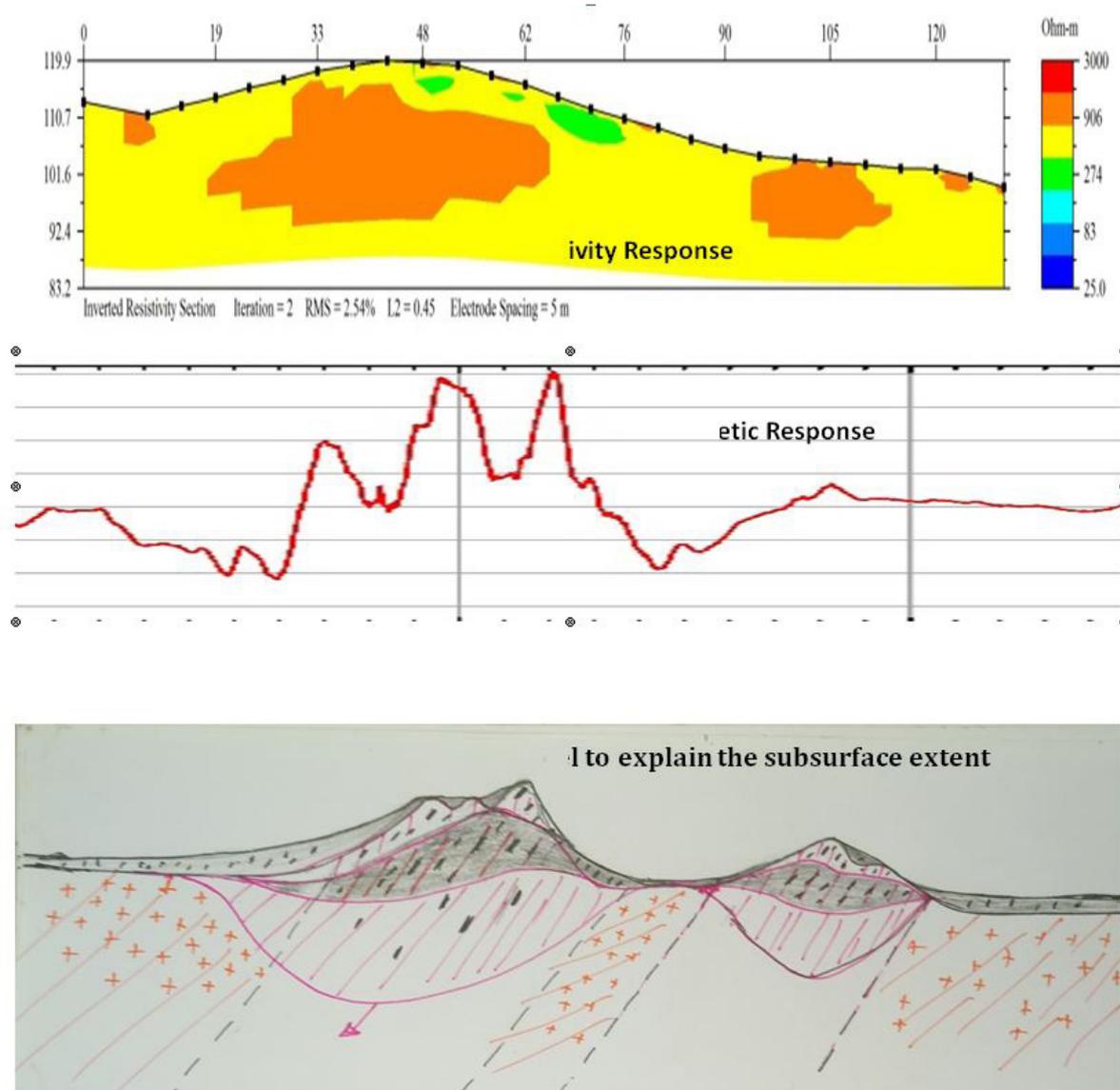


Fig. 7: Geophysical techniques provide a wide range of tools to measure the subsurface response, which is unique to the material itself. Magnetic and resistivity measurements were conducted over the Eppawala phosphate deposit, enabling to build-up a model explaining to lateral and depth extent of the same. High percentages of magnetite in apatite bearing rocks are one of the key features to identify apatite in the subsurface.

Drilling Activities

A Detailed drilling survey for quantitative analysis is being carried out since late August 2020. It has completed 17 drill holes completing 70% of proposed work.

About 100 Samples have given to laboratory analysis. The total length of drill holes completed up to January 2021 is about 745 meters. Data processing and preparation of report are being carried out. This project is scheduled to be completed by March 2021.

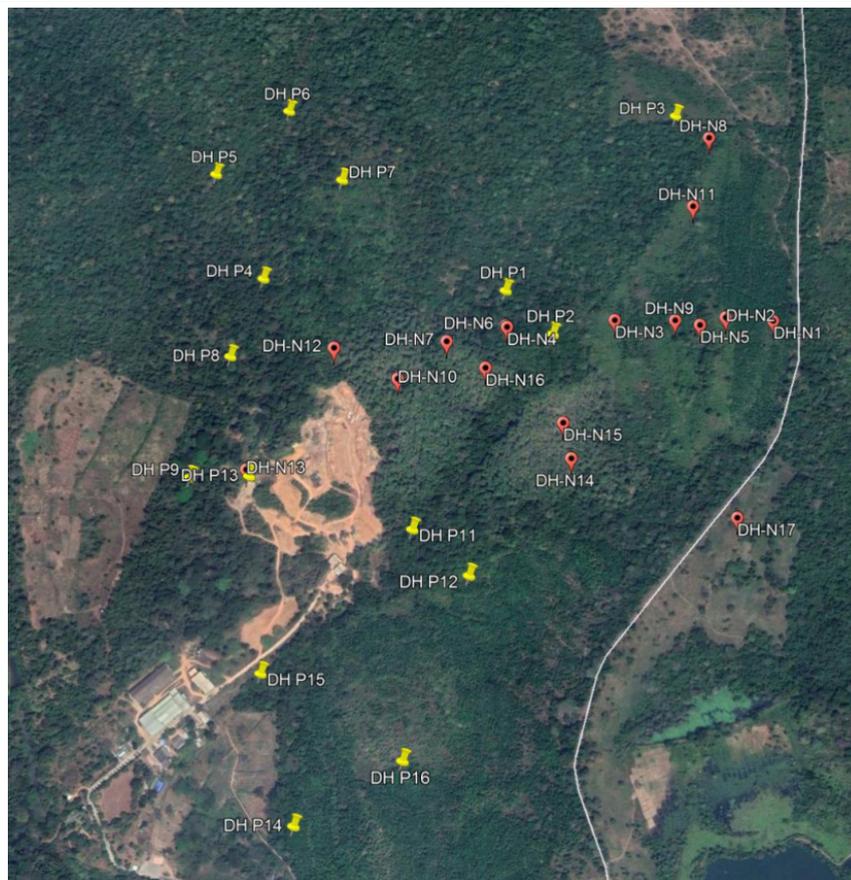


Fig. 8: Drilling Locations

MPA-3 : Research & Development Earth properties and Seismic Activity Monitoring

(a) Enhancement of passive Seismic Monitoring Capacity

Installation of Seismic Station in Eastern Side of Sri Lanka (continuation from 2019)

Installation of Seismic Station in Eastern Side of Sri Lanka: Buddangala, Ampara was initiated in year 2019. The 100% of purchasing of instruments and nearly 60% of construction work of the vault was completed in year 2019 and the remain was continued in 2020. The construction work and installation of sensors were completed in early march and the BULK seismic station started data acquisition on 04th of March 2020.

Maintenance of 04 Seismic Stations and Seismic Monitoring Centre

The data availability of the three seismic stations was within the satisfactory level in 2020 and the Data Center has successfully responded to public complaints on earth tremors, earth vibrations and Indian Ocean earthquake events.

Preparation of Seismic Zonation Map

Seismic hazard is the hazard associated with potential earthquakes in a particular area, and a seismic hazard map shows the relative hazards in different areas. It provides important information to understand the risks of seismic hazards and to help mitigate disasters and it can be used for land-use planning, mitigation, and emergency response.

The earthquake catalogue has been prepared with available data from GSMB, USGS, ISC databases, historical records and research papers. It covers the past seismic events within a 500km radius from central Sri Lanka. The data of geological structures in and around the Sri Lanka is being reassessed based on literature reviews. This programme will be continued in next year.



Fig. 6: New seismic station at Buddangala.

(b) Research Studies on Environmental, Climatic & Crustal Studies

- **Detailed Survey on Ball Clay and Kaolin Deposits in Kalutara District**

This programme was conducted to identify promising ball clay and Kaolin deposits and estimate reserves of such deposits. Seven promising clay fields were identified and reserve estimation were done in three of them. The samples obtained from field investigation were provided to Lanka Ceramics Laboratory for detailed analysis and awaiting its results for further study.

- **Demarcation of the boundary between Wannu Complex and Miocene sedimentary formation in the northwest region of Sri Lanka**

The boundaries between these lithotectonic subdivisions are still debatable and this research intends assess the boundary between metamorphic and sedimentary provenances using geophysical methods and to complement the on-going studies of the Quaternary settings in the northwestern area

Field data acquisition is completed and data processing and report preparation is being carried out.

- **Understanding the earth structure beneath Gal Oya basin and South Eastern part of Sri Lanka using passive seismic and other geophysical methods**

This research was initiated to have a deep look into the earth beneath the Gal oya basin which is basically responsible for earth dynamic behavior in many ways in the eastern and south eastern part of the country. Understandings of the earth structure of the region would be useful for make a possible seismic zoning around the area and to develop a suitable disaster management plan.

Literature survey, preparation of data is being completed and preliminary field surveys have been initiated. This project has been planned to complete in 2022.

- **Mineralogy, Geochemistry, Ceramic Properties and spatial distribution of ball Clay Deposits in “Kalu Ganga” flood plain area.**

Objective of this research is to compare and chemical interpretation of clay deposits which explains their mineralogy, Geochemistry and Ceramic Properties. Also, a map of their spatial distribution and discussion of the industrial importance of studied clay deposits is expected.

(b) Research Studies on Environmental, Climatic & Crustal Studies

- **Detailed Survey on Ball Clay and Kaolin Deposits in Kalutara District**

This programme was conducted to identify promising ball clay and Kaolin deposits and estimate reserves of such deposits. Seven promising clay fields were identified and reserve estimation were done in three of them. The samples obtained from field investigation were provided to Lanka Ceramics Laboratory for detailed analysis and awaiting its results for further study.

- **Demarcation of the boundary between Wannu Complex and Miocene sedimentary formation in the northwest region of Sri Lanka**

The boundaries between these lithotectonic subdivisions are still debatable and this research intends assess the boundary between metamorphic and sedimentary provenances using geophysical methods and to complement the on-going studies of the Quaternary settings in the northwestern area

Field data acquisition is completed and data processing and report preparation is being carried out.

- **Understanding the earth structure beneath Gal Oya basin and South Eastern part of Sri Lanka using passive seismic and other geophysical methods**

This research was initiated to have a deep look into the earth beneath the Gal oya basin which is basically responsible for earth dynamic behavior in many ways in the eastern and south eastern part of the country. Understandings of the earth structure of the region would be useful for make a possible seismic zoning around the area and to develop a suitable disaster management plan.

Literature survey, preparation of data is being completed and preliminary field surveys have been initiated. This project has been planned to complete in 2022.

- **Mineralogy, Geochemistry, Ceramic Properties and spatial distribution of ball Clay Deposits in “Kalu Ganga” flood plain area.**

Objective of this research is to compare and chemical interpretation of clay deposits which explains

their mineralogy, Geochemistry and Ceramic Properties. Also, a map of their spatial distribution and discussion of the industrial importance of studied clay deposits is expected.

(c) Upgrading the GSMB-Library

1. *Establishment of KOHA Software for Library data management*

Data entry for Scientific Bound journals is completed (The work planned for 2020 is completed).

2. *Conservation and Preservation of library documents - 99%*

Selected the relevant library material for preservation was done and in order to carry out this task according to the procurement process, handed over to the J.R. Jayawardena Centre.

3. *Journal Binding - 60 %*

The scientific journals were selected for binding. The work will be scheduled to be handed over in 2021 with the procurement process

(d) Upgrading the Museum

The program was postponed until the completion of the new laboratory building, as the museum will be located there after its completion

MPA-4: Development of Infrastructure, Laboratory Facilities and Drilling Capacity

(a) Petrology Laboratory

Income Generated by Petrology Laboratory

	Description	Income / Value (Rs.)
1	Analysis carried out for the outside clients (365 samples) <i>Mineralogical Analysis of sand samples -173 samples</i> <i>Thin section preparation & Petrographic analysis-15 samples</i> <i>Other (Mineral Identification, Particle size analyzer) -177 samples</i>	1,706,806.00
2	Client Responsive Projects <i>Thin Section preparation (Rocks) – 24 samples</i>	144,000.00
3	Other analysis done for projects and field works on requests of the officers of GSMB (142 samples)	599,400.00
4	Other analysis done for Magistrate Courts and SL Customs	175,500.00

Work done in related to Action Plan Activities

Work	Requested by	Type of Analysis	Sample Nature	Number of Samples
Island wide Heavy Mineral sand survey	Ms. C.N B Wijerathne	Full Mineralogical analysis	Sand	25
Stream Sediment Survey in Kiridioya to explore minerals	Mr. A S Jayakody	Full Mineralogical analysis	Sediment	25

**(b) Analytical Laboratory
Income Generated by Analytical Laboratory**

	Description	Income / Value (Rs.)
1	Outside clients -493 samples Analysis of 493 samples consisting of limestone, quartz, dolomite, graphite, feldspar, soil, sand, cement, mica, mineral sand, clay, water, digested rocks, and other metal alloys and body mixtures of tiles and ceramic etc, on the requests made by various institutions and individuals.	2,170,700.00 Without taxes
2	<i>Projects undertaken by geology division</i> Tokyo Cement drilling project -limestone analysis -53 samples	477,000.00
3	On the request of GSMB officers for their projects/research-96 samples	1,020,000.00
4	Done on free of charge for regulatory work and on special requests – 15 samples	102,000.00

Chemical Analysis done for an action plan work

Action plan work	Number and nature of samples
Detailed soil survey in Hambantota Industrial zone to find base line values	100/Soil
Soil survey in Pilimatalawa area to investigate soil contamination due to brass industry	32/Soil

Geochemical Map Preparation

- (i) **Sheet No 06: Vauniya - Trincomalie** : Completed the analysis of 1042 samples collected from Madawachchiya, Pankulam, Horowpatana, Trincomalee, Vauniya & Nilaveli 1:50,000 sheets and handed over the data for the preparation of Geochemical map Sheet No 06 Vauniya- Trincomalee.
- (ii) **Sheet No 19 - Aluthgama-Galle**: Completed the initial sample preparation of 356 soil samples collected from Ambalangoda and Galle 1:50,000 sheets. Initial sample preparation of soil samples collected from Balapiiya and Aluthgama 1:50,000 sheets are in progress. The digestion and analysis work have not yet been started as the ICP-OES is out of service.

Laboratory Accreditation -ISO 17025

The analytical laboratory has been awarded ISO/IEC 17025:2005 accreditation from Sri Lanka Accreditation Board for chemical analysis of quartz, dolomite and water in 2019.

The reassessment of the laboratory for renewal of accreditation under ISO/IEC 17025:2018 was held on 22nd and 23rd September 2020.

Construction of new Laboratory Building

Construction of 6 story laboratory building was commenced on year 2019 and it was expected to complete by the end of year 2020. However due to pandemic, it was continued in to 2021.

1.2 Client Responsive Projects**Client Responsive Projects - Long Term**

Project	Company Name	Period		Officers Incharged	Income
		From	To		
Bowatenna Tunnel 02- Drilling and report preparation	Mahaweli Water Security Investment Programme	01/01/2020 Cont. from 2019	10/02/2020	A.S. Jayakody	10.9
Limestone survey for cement industry Drilling and report preparation	Tokyo cement-	29.06.2020	30.11.2020	A.S. Jayakody	1.9
Drilling program and report preparation for Graphite survey at Dodamgaslanda	LOLC Geo Technologies	22.06.2020	25.10.2020	A.S. Jayakody	5.9

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Vein quartz and rare earth element survey at Nawalapitiya area	Match Hit	21.01.2020	23.10.2020	A.S. Jayakody	7.9
Mineral Sand Survey- Mulathivu-Chalei	Vetricle Group Lanka (Pvt. Ltd)	17/06/2020	17/08/2020	H.P.M.De Silva	1.8
Mineral Sand Survey- Mulathiwu- Alampili	Doris Lanka	17/08/2020	31/08/2020	H.P.M.De Silva	1.8
Mineral Sand Survey- Killinochchi-Poonarine	Vetricle Group Lanka (Pvt.) Ltd	08/08/2020	07/09/2020	N.H.M.C. Nawarathne	4.1
Mineral Sand Survey- Thunukkai-mannar	Vetricle Group Lanka (Pvt.) Ltd	29/06/2020	07/08/2020	N.H.M.C. Nawarathne	1.8
Mineral Sand Survey- Sampoor	Doris Lanka	5/10/2020	7/10/2020	H.P.M.De Silva M.L.G.N.T. Jayathilake	2.3
Graphite Survey- Galle	Verticle Group Lanka (Pvt. Ltd)	04.09.2020	-	H.A.D.N. Sanjeeva J.A.C.M. Jayasooriya	1.1
Graphite Survey- Galle	Verticle Group Lanka (Pvt. Ltd)	-	23.10.2020	H.A.D.N. Sanjeeva J.A.C.M. Jayasooriya	1.9
Mineral Sand Survey- Batticaloa (EL/388)	Doris Lanka	24.06.2020	-	J.L.G.S. Jayawardena W.M.R.R. Wicktamasinghe	2.1
Mineral Sand Survey- Batticaloa (EL/390)	Doris Lanka		26.08.2020	J.L.G.S. Jayawardena W.M.R.R. Wicktamasinghe	4.0

Client Responsive Projects - Short Term

Project	Client	Period		Officers Involved	Income (with VAT %)
		From	To		
Foundation investigation at Panagoga Army Camp	SL Army	30.06.2020	8.07.2020	A. S. Jayakody	CSR
Clay Survey	Mr. W.A.I.S. Fernando			D.M.S. Dissanayake	34,020.00
Land Slide	Mr. C.S.De Costa			H.S. Lasantha	37,584.00
Metal Quarry Inspection	Mr. Dharmasena				52,920.00
Mineral Sand Surveys – Mannar, Pooneryn and Kalpitiya Areas	Vetrivel Group Lanka Pvt Ltd				144,720.00
Sand Survey –Kosgulana	Mr. K.S.S. Kumara	18/02/2020	18/02/2020	H.P.M. de Silva T.P. Madusanka	27,540.00
Clay Survey - Dankotuwa	Mr. Liyanage Aroshan Lasantha				34,560.00
Sand Survey Report – Kosgulana	Mr. K.T. Premachandra	18/02/2020	18/02/2020	H.P.M. de Silva T.P. Madusanka	14,040.00
Geological Report – Colombo	Mr. K.G. Hashan Silva				18,630.00
Geological Report – Hambantota	Lanka Salt Limited				42,120.00
Geological Report – Dankotuwa	Mr. D.R.A.N. Perera			Dr Sterin Fernando	34,020.00

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Cutting and removing soil -Piliyandala	Mr. Madhushan Nadusha				47,250.00
Clay investigation – Atiyawela, Dankotuwa	Mr.W.A.I.S Fernando	2020.01.13		D.M.S Dissanayake	34,560.00
Clay Investigation – Godakuruwa, Narammala.	Mr. N.W.I.Suranga	2020.02.12		D.M.S Dissanayake	36,936.00
Clay investigation – Himbudawa, Pannala.	Mr.P.D.S.D. Appuhamy	2020.02.14		D.M.S Dissanayake	35,100.00
Clay investigation – Dikwela, Dankoyuwa.	Mrs.J.M.J.Hilda	2020.07.10		D.M.S Dissanayake	39,420.00
Clay investigation – Thamberawila, Wennappuwa	Mrs.J.M.J.Hilda	2020.07.10		D.M.S Dissanayake	
Preliminary Geological Survey Report on a Proposed Soil Excavation Project in Daltara West Grama Niladhari Division of Kesbewa Divisional Secretariat, Colombo District -	W. Dhanapala Botheju	2020.06.17		P.M. Wickramasinghe	47,250.00
Preliminary Survey Report for the proposed IML / C / N / 2020/0160 Licensed Excavation Project in Puwakpitiya area of Seethawaka Pradeshiya Sabha area in Colombo District - MS / C / 93/2020	H. A. Moris Perera	2020.07.31		P.M. Wickramasinghe	42,660.00
Report on Investigation of a Proposed Area for Gravel Excavation– Dankotuwa	Mr. A.N.S.K. Fernando	17/11/2020		Dharani Wijesundara	39,420.00

Geological Report – Dankotuwa	Mr. L. Samantha				25,650.00
Geological Report – Dankotuwa	Mr. L. Samantha				25,650.00
Earthquake Repored during the day of 29.08/2020 in Kandy area	Peoples Insurance				
Design and Construction of rock fall protection works on Kandy Mahiyangana Road- Request to obtain earthquake information	ELS NITTOC ESS JV				
Availability of Mineral sand in four Lands – Pudawakattu and Pulmadai Area	Mr. R.Krishan	2020/10/21	2020/10/21	H.P.M. de Silva	8100.00
Reserve estimation of a dune land at Kawdarimunai, Poonaryn,	Mr. Ajith Thennakoon	21.09.2020	22.09.2020	A.M.D.U. Abeyasinghe W.K.G.V. Weligepola	105,840.00
Preliminary Fied Investigation on Dimension stone Mine site- Galkadawala	Mr. Lal Fonseka			A.A.C. Priyantha	25,650.00
Drone Survey – Ambalantota	Mr. D.H. Saliya	02/06/2020	02/06/2020	A.M.D.U. Abeyasinghe W.K.G.V. Weligepola	108,270.00
Obtain a Landslide Report	Mr. Dayananda Wickramasinghe	2020/12/02	2020/12/02	H.P.M. de Silva	19,980.00
Obtaining a Sand Deposit Survey Report	Mr. H.D. Ghanarathne	2020/10/14	2020/10/14	H.P.M. de Silva	25,920.00
Obtaining a Sand Deposit Survey Report	Mr.K.W.R.W. Kudawitharana				36,720.00
Obtaining a sand survey report	Mr. A.H.N.H. de Silva	15/12/2020	15/12/2020	A.M.D.U. Abeyasinghe W.K.G.V. Weligepola	87,480.00

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Preliminary Visit, Volume estimation of minable aggregate volumes at lands of JANAWASAMA	Janatha Estates Development Board (JANAWASAMA)	09.01.2020	10.01.2020	D.T.K Kudagama S.B Harankahawa	81,540.00
Preliminary visit, Volume estimation at soil excavation site – Hambantota	Lanka Salt Limited	10.03.2020	10.03.2020	M.M.J.P Ajith Prema D.T.K Kudagama	42,120.00
Preliminary Visit, Volume estimation of rock quarry at Dompe, Hanwella	Roadkem (pvt.) Ltd	21.07.2020	21.07.2020	K.T.U.S De Silva D.T.K Kudagama	47,250.00
Estimation of excavated soil volume during the construction of saltern at Hambanthota lewaya	Lanka Salt Hambantota	28.07.2020	28.07.2020	D.T.K Kudagama W.K.G.V Weligepola	1,42,560.00
Estimation of extractable aggregate aggregate volume at rock quarry, Dompe Hanwella	Roadkem (pvt.) Ltd	29.07.2020	29.07.2020	D.T.K Kudagama W.K.G.V Weligepola	91,800.00
Rough Estimation of Extractable Soil Volume – Batapola Ambalangoda	Lanka Ceramics PLC	09.09.2020	19.09.2020	D.T.K Kudagama W.K.G.V Weligepola	102,600.00
Checking the density of the clay and obtaining a report				Dr. Sterin Fernando	29,916.00
Preliminary visit, Estimation of extractable rock volume of abandoned marble quarry at Kalthota, Balangoda	N.U. Chandrasekara	06.10.2020	06.10.2020	D.T.K Kudagama	34,776.00

Issuance of Export Approval Letters

Rutile Sample inspection for export	Mirama Minerals Mr. M.H Aslam Kamil	06.01.2020	M.M.T.N.B Munasinghe	
Inspecting 500kg of quartz for export purposes	Mr. Yasith Eleperuma Chief Operating Officer Quantum Quartz (Private) Limited 105/1, Madupitiya road Mahawila, Panadura	2020.11.22 -	Mahasen Wickramasinghe	
Ilmenite Sample inspection for export	Lanka Mineral Sand	06.02.2020	M.M.T.N.B Munasinghe	
Plogophite Sample inspection for export	Damsela Resources pvtltd	06.02.2020	M.M.T.N.B Munasinghe	
Ilmenite & Rutile Sample Inspection for export	Mirama Minerals Mr. M.H Aslam Kamil	02.03.2020	M.M.T.N.B Munasinghe	
Buddha Statues Inspection at Kaduwela	Mr.I.G.P.A Darmadasa	05.03.2020	M.M.T.N.B Munasinghe	
Ilmanite & Rutile Sample Inspection	Mr. M.H Aslam Kamil	02.03.2020	M.M.T.N.B Munasinghe	
Ceylon Ceramic Cooperation	Mr. Nuwan			300,000.00
00Buddha Statues Inspection at Kaduwela	Mr.I.G.P.A Darmadasa	05.03.2020	M.M.T.N.B Munasinghe	

1.3 Other Activities

Short Fields

FIELD NAME & LOCATION	OFFICERS NAME	FIELD DURATION	
		FROM	TO
Sand Survey in Deduru Oya – Bingiriya	J.A.C.M. Jayasuriya	2020.01.01	2020.02.17
Sand Survey in Maa Oya – Pannala	J.A.C.M. Jayasuriya N.M.H.C. Nawarathna	2020.02.06	2020.03.06
Field visit to Sand mining project at Sooriyapura, Kantale.	D.M.S Dissanayake	2020.02.17	
Join field inspection for clay mining	D.M.S Dissanayake	2020.02.03	
EIA monitoring committee visit to Maduru Oya mini hydropower projects.	D.M.S Dissanayake with Mahaweli Authority EIA monitoring team members	2020.03.05	2020.03.06
Field visit to investigate radioactivity along ongoing transmission line at Ambana, Naula area.	D.M.S Dissanayake A.M.D.U.Abeysinghe	2020.05.26	
Field visit to investigate radioactivity on proposed building site at Ambana, Naula area.	D.M.S Dissanayake A.M.D.U.Abeysinghe	2020.05.26	
Drone survey to estimate the volume of Kurunegala Urban Council waste dumping yard.	D.M.S Dissanayake W.K.G.V. Weligepola	2020.06.16	
Site visit on approving proposed cable car project at Nuwara Eliya District	D.P.R. Weerakoon	2020.08.11	
Akkarepathu Inspection of abnormal water level arising in a dug well at hindu kovil	A.S. Jayakody	2020.05.14	
Easter coast Inspection of abnormal water table drop at Trinco – to Pothuvil coast	A.S. Jayakody	2020.05.16	2020.05.17
Conclude new drill Hole locations for Eppawala Northern deposit	D.P.R. Weerakoon, A.S. Jayakody S.N. De Silva H.S. Lasantha	2020.09.25	

Project approval on site suitability of establishing adventure instrument at Ella (Flying Ravana Adventure Park)	D.P.R. Weerakoon	2020.09.30	
Inspection on production, processing and sales of Heavy Mineral sand at Lanka Mineral Sand LTD, Pulmuddai.	D.P.R.Weerakoon C.N.B.Wijerathne	2020.11.27	
Site visit of Garnet sand project from Kirinda to Palatupana	D.P.R.Weerakoon	2020.12.23	
Field inspection and report preparation on “mining activities on landslide caused quarry site in Nagoda – Galle area	K.A.G.Sameera W.P.S.A. Witharana	2020.11.27	
Joint field visit around Dankotuwa for issuing caly mining licenses.	D.M.S Dissanayake with officers of other relevant institutions	2020.06.19	
EIA monitoring committee field visit to Moragolla Hydro Power Project, Kothmale	D.M.S Dissanayake with Mahaweli Authority EIA monitoring team members	2020.07.10	
Field visit to investigate complain regarding gravel mining at Katupitiya, Kurunegala.	D.M.S Dissanayake	2020.09.29	
IEE monitoring committee field visit to Welikanda proposed mango farm land.	D.M.S Dissanayake with Mahaweli Authority IEE monitoring team members	2020.10.02	
Quarry survey to identify landslide prone quarries in Colombo district	A.A.C.Priyantha W.K.G.V. Weligepola	21.05.2020	28.05.2020
S., a resident of No. 77 Parakramapura Grama Niladhari Division, No. 77, Thonigala, Padavi Parakramapura, Padaviya Divisional Secretariat. that. N. Report on the sinking of Mrs. C. Gunaratne’s house	A.A.C.Priyantha	21.09.2020	
Preliminary Field Investigation Report on Dimension Stone Mine Site at Galkadawala, Puhudiuwala in Medawachchiya	A.A.C.Priyantha	21.09.2020	
Dankotuwa/Sandalankawa	Darani Wijesundara	2020.11.17	

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Special Nuclear Raw Material Investigation in Kebithigollewa	G.K.Wickramasinghe J.L.G.S Jayawardena	2020.02.03	2020.02.08
Puttalam Special Ground Water Issue	G.K.Wickramasinghe	2020.07.09	2020.07.13
Salt Mining Investigation in Puttalam & Kalpitiya	Ajith Prema G.K.Wickramasinghe	2020.09.28	2020.09.30
Field inspections around landslide prone areas in Kalutara and Rathnapura districts	H.A.D.N.Sanjeewa H.P.M De Silva	2020.05.21	2020.05.27
Salt Mining Investigation in Puttalam & Kalpitiya (Detail)	G.K.Wickramasinghe	2020.09.28	2020.09.30
Puttalam Special Ground Water Issue (Augering & Drilling)	G.K.Wickramasinghe	2020.09.09	2020.09.24
Nuclear Raw Material Survey- Rakwana Tangalle Sheet	G.K.Wickramasinghe J.L.G.S Jayawardena	2020.02.10 2020.06.27 2020.07.20	2020.03.05 2020.07.08 2020.09.02
Field inspection for inland sand mining area at Pitigala- a compaint letter sent by villagers on enviormental issues	K.A.G.Sameera	2020.02.12	
Estimation Deposited Sand volume withing the Oluvil Harbour	A.M.D.U.Abesinghe S.B.Harankahawa	2020.01.30	2020.02.01
Reserve Estimation Report for Removable Volume without Blasting at the Quarry Site within the Ipalogama State Forest Reserve	A.M.D.U.Abesinghe S.B.Harankahawa	2020.02.10	
Report on Radioactivity Investigation at Alchemy Heavy Metal (Pvt.) Ltd. (Mirama minerals) Mineral Sand Processing Plant Site at Kandalama in Dambulla	A.M.D.U.Abesinghe G.K.Wickramasinghe K.A.G.Sameera	2020.10.02	2020.10.03
Kankasanthurei cement factory visit for re-invesment; request by chairman- Cement cooperation	A.M.D.U.Abesinghe G.K.Wickramasinghe	2020.11.27	2020.11.30
Digana earth tremor - Geological investigation	H.A.D.N.Sanjeewa J.B. Herath , P.M. Wickramasinghe	2020.12.09	Ongoing
Digana Earth tremor- Geophysical Investigations	S.N. De Silva S.B. Harankahawa J.L.G.S Jayawardena W.M.S.K. Weeranayake	17.12.2020	2021.01.03
River Sand Survey of Menik Ganga at Katharagama	B.N.B.Wickramasinghe	2020.03.02	2020.03.03

River Sand Survey along the Kal Aru, Mannar District	B.N.B.Wickramasinghe	2020.05.28	2020.07.13
Rock Quarry Inspection in Galle at Thalgaswala	B.N.B.Wickramasinghe	2020.07.15	
Rock Quarry Inspection in Bandaragama	B.N.B.Wickramasinghe	2020.09.11	
Inspection on Gravel Excavation Site at Narammala	B.N.B.Wickramasinghe	2020.12.01	
Field Inspection of Landslide prone rock quarries in Galle-Matara Districts	J.L.G.S.Jayawardena K.A.G. Sameera	2020.05.21	2020.05.23
River Sand Survey of Mahaweli River at Trincomalee District	P. M. Wickramasinghe B. N. B. Wickramasinghe -	2020.01.11	2020.02.07
Preliminary Geological Survey Report on Landslide Risk in Viru Village, 514A Naranthalawa Grama Niladhari Division, Walapane -	P. M. Wickramasinghe W. K. G. V. Weligepola	2020.02.26	2020.02.27
Preliminary Geological Evaluation Report along Gal Oya, Ampara – From the Gal Oya Bridge to Water Pipe Bridge - MR/G/172/2020	P. M. Wickramasinghe H. M. U. A. S. Hitihami – TO	2020.03.02	2020.03.06
Preliminary Geological Survey Report on Reconstruction of Alumanthakulam Lake in Ampara District MR/G/171/2020	. P. M. Wickramasinghe Mr. H. M. U. A. S. Hitihami – TO	2020.03.03	
Joint inspection at sand mining sites beside Gal Oya	P. M. Wickramasinghe Harsha Siriwardana – Senior Mining Engineer Bandara – RME Ampara	2020.03.12	2020.03.13
Preliminary Geological Report on Earth Stability of Rock Quarries in Kandy District - ROC/3/2020	P. M. Wickramasinghe W. A. G. K. Wickramasinghe – K. M. N. Kendaragama	2020.05.21	2020.06.11
Sand Survey in Pareipannan in Trincomalee	P. M. Wickramasinghe B. N. B. Wickramasinghe -	2020.05.20	
Preliminary Geological Report on Earth Stability of Rock Quarries and Soil Excavations in Kegalle District	P. M. Wickramasinghe W. A. G. K. Wickramasinghe – K. M. N. Kendaragama	2020.05.21	2020.06.11

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Joint inspection for sand mining license in Mahaweli river in Trincomalee	P. M. Wickramasinghe Harsha Siriwardana –	2020.05.27	2020.05.30
Preliminary Geological Survey Report of the Investigation conducted in collaboration with the Raid Division regarding an unlicensed excavation process in the Morawewa area in the Horowpathana Divisional Secretariat Division in the Anuradhapura District	P. M. Wickramasinghe Enforcement unit	2020.06.25	2020.06.26
River Sand Survey- Kegalle District	K.M.N.Kendaragama W.P.S.A. Witharana, Mr.N.H.M.C. Nawarathna	2019.12.16	2020.01.29
River Sand Survey- Mathale District	K.M.N.Kendaragama W.P.S.A. Witharana	2020.01.30	2020.03.11
River Sand Survey- Mathale District	K.M.N.Kendaragama W.P.S.A. Witharana	2020.06.18	2020.07.22
Site Investigation- Puwakpitiya	K.M.N.Kendaragama	2020.07.30	2020.07.31
Joint Inspection on Gravel Excavation site in Amitirigala	K.M.N.Kendaragama B.N.B. Wickramasingha	2020.09.08	
Field Inspection in Kadawatha Mahara	K.M.N.Kendaragama	2020.07.31	
Inspection of soil location -Galle	K.M.N.Kendaragama W.P.S.A. Witharana	2020.09.23	
Rapid construction raw material survey, Kurunegala & Anuradhapura district	K.M.N.Kendaragama D.M.S. Dissanayaka	2020.10.26	2020.10.30
Geophysical data acquisition in Tabbowa area & Geophysical studies in lower Malwathu oya basin	K.M.N.Kendaragama N.de Silva, S.B. Harankahawa	2020.08.15	2020.08.08
Geophysical data acquisition in Mahawilachchiya, Madu areas and Geophysical studies in lower Malwathu Oya basin (Thanthirimale area)	K.M.N. Kendaragama N.de Silva, S.B. Harankahawa	2020.06.26	2020.07.01
Joint inspection with Mines Division in Karasnegala Graphite Mine	P. M. Wickramasinghe EIA Division of Mines Division	2020.06.29	

Preliminary Geological Survey Report on the Construction of a New Building Near a Rock Excavation Project in the Kalutara-Millaniya area - CMP/49/2020	P. M. Wickramasinghe Harsha Siriwardana – Senior Mining Engineer	2020.07.27	
Preliminary investigations for sand deposits in Bandagiriya Tank in Hambanthota	P. M. Wickramasinghe W. K. G. V. Weligepola	2020.08.12	
Drone survey for Garnet sand deposits along southern coast/ Garnet Sand Investigation in Kirinda, Magama, Dickwella	P. M. Wickramasinghe Dr. Sterin Fernando W. A. G. K. Wickramasinghe	2020.08.23	
Preliminary Geological Survey Report on the Silica Sand Mining Project under IML / B / HO / 10461 / LR / 2 in Walahapitiya, Nattandiya	P. M. Wickramasinghe Harsha Siriwardana – Senior Mining Engineer Wasantha – RME Kurunegala	2020.08.26	
Structural crack survey to evaluate influence on buildings due to earth-tremors and dolomite mining in Wijayasrigama-Digana and Haragama	P. M. Wickramasinghe W. M. S. K. Weeranayake	2020.10.05	2020.10.14
Rapid Construction raw material survey in Kandy District	P. M. Wickramasinghe W. M. S. K. Weeranayake	2020.10.26	2020.10.29
Drone Survey around Dolomite quarries in Wijayasrigama-Digana	P. M. Wickramasinghe W. M. S. K. Weeranayake	2020.11.02	2020.11.13
Upgrading of VSAT communication link at MALK and HALK stations	S.N.B. Thaldena R.M.T.U. Rathnayake	2020.01.27	2020.02.13
Installation of sensors at Buddangala station	S.N.B. Thaldena R.M.T.U. Rathnayake J.B. Herath	2020.02.28	2020.03.05
Upgrading lightning system at PALK seismic station	S.N.B. Thaldena	2020.09.10	
Preliminary investigation on the earth tremor occurred around Digana-Haragama area Kandy on 29 th Aug. to 02 nd Sep. 2020	S.N. de Silva S.N.B. Thaldena S.W.M. Senevirathnena H.S. Lasantha S.B. Harankahawa J.L.G.S. Jayawardena W.K.G.V. Weligepola R.M.T.U. Rathnayake	2020.08.29	2020.09.04

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Preliminary investigation on the earth tremor occurred around Digana-Haragama area Kandy on 18 th November 2020	S.N.B. Thaldena S.W.M. Senevirathnena P. M. Wickramasinghe J.B. Herath R.M.T.U. Rathnayake W. M. S. K. Weeranayake	2020.11.18	2020.11.23
Expert Committee Investigation of Recent Earth Tremors in Digana Area	S.N. de Silva S.N.B. Thaldena S.W.M. Senevirathnena	2020.12.11	Continue in 2021
Investigation on ground vibration occurred in Gothami Vidyalaya, Borella	S.N. de Silva S.N.B. Thaldena	One day	2021.04.11
Tremor experienced at Kotikawatta Sri Rajasinghe Central College, Mulleriyawa new Town	S.N.B. Thaldena	One day	
Joint Inspection for the rehabilitation of clay mined areas Bolagama	M.M.T.N.B Munasinghe	2020.02.07	
Investigation, field observation, equipment installation on Digana-Victoria tremor activated area and field camping with other 02 groups	S.W.M.Senewirathne	2020.12.08	
Geophysical Investigations for Vain Quartz mapping and estimation around Aralaganwila area.	Nalin De Silva, S.W.M.Senewirathne S.B. Harankahawa, N.H.M.C. Nawarathne	2020.09.15	2020.10.15
Extractable Gravel volume in pre-excavated gravel pits in Mullative District	D.T.K Kudagama, J.L.G.S Jayawardana	2020.01.20	2020.01.23
Sand Survey Kelani River 2020	D.T.K.Kudagama	05.02.2020	2020.03.04
Preliminary field visit of action plan research work: Correlating borehole data with geophysical data/Geophysical Investigation - Gin-Nilwala Diversion Project	Nalin De Silva, S.B Harankahawa D.T.K.Kudagama, JLGS Jayawardana	2020.06.19	
Joint inspection of quarry at Pitabeddara	D.T.K.Kudagama	2020.07.16	
Field inspection of complain regarding an operating quarry at Hawpe, Galle	W.K.G.V Weligepola D.T.K.Kudagama	2020.07.21	
Inspection at Granite quarry, Palagala, Galewela	W.K.G.V Weligepola D.T.K.Kudagama	2020.08.26	

Inspection of sand washing plant at Wariyapola	Indrajith Rodrigo, M.D.T.K.Kudagama	2020.08.31	
Field inspection of Graphite Exploration license site at Galewela	DT.K.Kudagama	2020.11.10	
Field inspection of gravel excavation site at Gonagaldeniya	Indrajith Rodrigo, D.T.K.Kudagama	2020.11.19	
Field inspection of quarry site at Alawwa regarding a complain	Dulnuwan D.T.K.Kudagama	2020.11.24	
Kalu gaga sand survey.	H.P.M De Silva	2019.12.16	2020.02.08
Field inspections around landslide prone areas in Kalutara and Rathnapura districts	H.P.M De Silva	2020.05.21	2020.05.27
Renewal of Sand licenses in Kosgulana, Kalutara/Field inspection on sand survey - Molkawa	H.P.M De Silva	2020.02.18	
Renewal of Sand licenses in Welgama, Kalutara	H.P.M De Silva	2020.10.14	
Renewal of Quarry licenses in Bolossagama, Kalutara	H.P.M De Silva	2020.02.12	
Checking the availability of Geological resources in a land in Keselhenawa, Kalutara	H.P.M De Silva	2020.12.23	
Geophysical investigation along Wannu-Sedimentary boundary in Thabbowa and Andigama	S.N. de Silva J.L.G.S. Jayawardena S.B.Harankahawa N.H.M.C. Nawarathne	2020.01.14	2020.01.15
Initial investigation for assets mineral resources in Nawalapitiya, Ginigathhena and Galaha	D.T. Kudagama S.B.Harankahawa	2020.01.08	2020.01.09
Setting up of river-bank heights with respect to MSL (Thitanthetty to Neelapola, 1 st phase)	S.N. de Silva C.R. Welikanna S.B.Harankahawa	2020.03.06	2020.03.10
Solil sample collection at pilimathalawa (Geo Chemical investigation)	P.P.G. Panduka S.B.Harankahawa	2020.03.10	2020.03.13
Setting up of river-bank heights with respect to MSL (Thitanthetty to Siththaru Bridge, 2nd phase)	S.N. de Silva S.B.Harankahawa	2020.06.10	2020.06.15

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Geophysical Survey around Uppu Aru to identify possible salinity intrusions	S.N. De Silva S.B.Harankahawa W.K.G.V.Weligepola	2020.08.28	2020.08.31
Inspection at Kotikambokka Vein Quartz deposit	S.N. de Silva J.L.G.S. Jayawardena S.B.Harankahawa	2020.10.20	2020.10.23
Joint Inspection – Halpe	W.P.S.A.Vitharana	2020.08.21	
Export Inspection – Wattala	W.P.S.A.Vitharana	2020.10.07	
Joint Inspection – Ambalantota	K.A.G. Sameera W.P.S.A.Vitharana	2020.10.21	
Joint Inspection – Ganepola	L.G.N.T. Jayathilake W.P.S.A.Vitharana	2020.07.24	
Exploration of Gold Occurances in Kuliypitiya	J.A.C.M.Jayasooriya	2020.08.06	2020.10.06
River sand survey in Rathnapura district.	M.L.G.N.T.Jayathilaka	2020.01.02	2020.01.29
River sand survey in Kilinochchi and Mullaitivu districts	M.L.G.N.T.Jayathilaka	2020.02.05	2020.03.11
Landslide risk investigation of quarries in Matale and Kurunegala districts	M.L.G.N.T.Jayathilaka	2020.05.22	2020.06.09
River sand survey in Kilinochchi and Mullaitivu districts	M.L.G.N.T.Jayathilaka	2020.06.29	2020.07.14
Eppawala driling project	M.L.G.N.T.Jayathilaka	2020.12.01	Up to now
Profiling and Reserve Estimation of Subsurface Alluvial Materials of Maha Kirindegama and Ambagahawela Tank Beds at Mihintale DS Division of Anuradhapura District; MR/G/184/2020	W.K.G.V.Weligepola	2020.10.14	2020.10.20
Crane Stability investigation at construction site of Gajaba City centre, Kottawa - upon the request of OIC, Kottawa Police Station; CMP/53/2020	W.K.G.V.Weligepola	2020.09.23	

Hatharaliyadda soil excavation site reserve estimation survey/ Hatharaliyadda Sand Survey – Land Own by Mr.Nishan Hemantha De Silva; MR/G/186/2020	A.M.D.U. Abeysinghe W.K.G.V.Weligepola	2020.12.15	2020.12.16
Thalawathugoda fractured house investigation	W.K.G.V.Weligepola	2020.11.12	
Drone Survey of Fractured houses around Senakudiyiruppu, Puttalam	Dr. W.I.S. Fernando G.K. Wickramasinghe W.K.G.V.Weligepola	2020.07.12	2020.07.14
Preliminary Investigations of Fractured houses around six villages in Hingurakgoda; MS/C/88/2020	Dr. W.I.S. Fernando W.K.G.V.Weligepola	2020.07.20	2020.07.22
River sand survey-Rathnapura	C.R.Welikanna	2019.12.06	2020.02.20
RIVER SAND SURVEY KEGALLE - RUWANWELLA	N.H.M.C.Nawarathne	2020.01.02	2020.02.05
RIVER SAND SURVEY MAA OYA – PANNALA	N.H.M.C.Nawarathne	2020.02.06	2020.03.06
MINERAL SAND SURVEY MANNAR / POONERYN	N.H.M.C.Nawarathne	2020.06.29	2020.09.07

Meetings

Date	Topic	Organization	Officers Involved
25/09/2020	Industrial ministry meeting	Ministry of Industries	Ajith Prema / A.M.D.U Abeysinghe.
08/12/2020	IOGS mineral sand meeting	Ministry of Environment	Chairman/DG/ A.M.D.U Abeysinghe
18/12/2020	EIA meeting-Ruwanpura expressway	CEA	A.M.D.U Abeysinghe
18/12/2020	EIA meeting-Seethawaka ganga Hydropower	CEA	A.M.D.U Abeysinghe
24/11/2021	Meeting with Hon. Minister	Min. of Environment	Dharani Wijesundara
09/12/2021	Meeting on 7 th Operational Phase of Global Environmental Facility (GEF), Small Grants Programme (SGP)	Min. of Environment	Dharani Wijesundara
09/12/2020	Meeting with Presidential Task Force (PTF) regarding construction Raw Materials	Presidential Task Force (PTF)	Dharani Wijesundara
15/12/2020	Meeting with Presidential Task Force (PTF) regarding construction Raw Materials	Presidential Task Force (PTF)	Dharani Wijesundara
22/12/2020	Meeting with Hon. Minister regarding clay mining	Min. of Environment	Dharani Wijesundara
Throughout the year	Act amendment	GSMB	Committee members
December	Report on Digana earth tremor	GSMB, UoP, Mahaweli, DMC, NBRO	Expert committee members
14/09/2020	Stakeholder consultation meeting for planning the National Tsunami Simulation Excercise (IOWAVE-200) – 13 th October 2020	DMC	S.N.B. Thaldena
Jan-March and June-December 2020	Project management meetings on Government Process Re-engineering (GPR) at GSMB and implementation of GPR system	GSMB and ICTA	S.W.M.Seneviratne

21.11.2020	Discussion on disaster management plan for earth tremors occurred around Digana-Victoria area	Governer's office, Central Province	S.N.B. Thaldena S.W.M.Seneviratne HADN Sanjeeva
2020.05.29	Kandy Tunnel Project pre bid conference	Road Development Authority	D.M.S Dissanayake
2020.07.14	Kandy Tunnel Project tender evaluation meeting	Road Development Authority	D.M.S Dissanayake
2020.07.23	Kandy Tunnel Project tender evaluation meeting	Road Development Authority	D.M.S Dissanayake
2020.08.14	EIA monitoring committee meeting of Moragolla Hydro Power Project.	Ceylon Electricity Board/ Mahaweli Authority	D.M.S Dissanayake
2020.09.17	Monitoring committee meeting of Sooriyapura sand mining project.	Mahaweli Authority	D.M.S Dissanayake
2020.09.18	EIA monitoring committee meeting of Medagama mini hydropower project.	Mahaweli Authority	D.M.S Dissanayake
2020.12.22	IEE evaluation committee meeting for inland sand mining projects at Wellawaya, Thanamalwila and Sella Kataragama areas.	Wild Life Department	D.M.S Dissanayake
09.06.2020 30.06.2020 06.08.2020	Advisory & Scoping committee meetings for approval on constructions at coastal area around Sri Lanka	CC&CRMD	D.P.R. Weerakoon
06.10.2020	Scoping committee meeting on approving cable car project from Nuwara Eliya to Nanu Oya	Tourist Board	D.P.R. Weerakoon
07.10.2020	පරිසර හිතකාමී දැමිය නිෂ්පාදන පිළිබඳ ප්‍රදර්ශනය හා සම්මන්ත්‍රනය සාකච්ඡා	Ministry of Environment	D.P.R. Weerakoon
19.11.2020	Explore for clay fields suitable in ceramic industry from de-siltation of tank beds	Ministry of Environment	D.P.R. Weerakoon
02.12.2020	Material transportation method of Kotikambokka quartz deposit	Department of Forest Conservation	D.P.R. Weerakoon

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04.12.2020	Puttlam Ilmanite Limited proposal presentation	State Ministry of Regional Cooperation	D.P.R. Weerakoon
30.12.2020	Acquiring the road for transportation of mined material	Ministry of Environment	D.P.R. Weerakoon
2020.10.7	District Committee meeting – Matara	District Secretariat Office - Matara	K.A.G. Sameera
16.11.2020	Tec meeting – purchasing dragger for sea sand mining	UDA	A.S.Jayakody
04.12.2020	Do	do	A.S. Jayakody

Awareness programs (as Resource Persons)

Date	Topic	Organization	Officers Involved
27.10.2020	A live radio interview on Earthquakes and current situation of Digana - Victoria seismic activities	Kandurata Radio Service	S.W.M.Seneviratne
07.12.2020	A Live TV programme on discussion of Scientific background of Digana-Victoria earth tremor series and disaster management	Sirasa TV	S.N.B. Thaldena S.W.M.Seneviratne
10.12.2020	A recorded TV programme on Current status of on-going earth tremor series at Digana-Victoria and	TNL TV	S.W.M.Seneviratne
20.12.2020	A live radio interview on recent updates of study of Digana-Victoria earth tremor series and its impact on the society and industries.	Kandurata Radio Service	S.W.M.Seneviratne
2020.03.06	“Introductions to minerals, rocks and gems, and their identifications” - for A/L school students in Telijjawila Central College – Matara	Ministry of Environment	K.A.G.Sameera

Training, Workshops and Seminar (Local)

Period	Topic	Venue	Funded by	Officers Involved
24/09/2020	Stakeholder Consultation Workshop on 'Evaluation of Overall Policy Coherence and Recommendations for Designing and Implementing an Optimal Policy Package for MRV, SLCR, SLCCS and CPIs'	Renuka City Hotel, Bambalapitiya	Min. of Environment	Dharani Wijesundara
22/10/2020	do	Via zoom	Min. of Environment	Dharani Wijesundara
18/11/2020	do	Via zoom	Min. of Environment	Dharani Wijesundara
15/12/2020	do	Via zoom	Min. of Environment	Dharani Wijesundara
22 to 24.01.2020	Three-day Residential Training workshop on environmental impact assessment process in Sri Lanka	Nainamaduwa	Free	D.M.S Dissanayaka A.M.D.U Abesinghe M.M.T.N.B. Munasinghe
08.02.2020 (One day)	Workshop on Ground Penetration Radar (GPR)	Department of Geology, University of Peradeniya	Self-funded	
24.07.2020 (One Day)	An overview of the EIA process in Sri Lanka (CPD programme)	Golden Rose hotel, Boralessgamuwa		Members of Institute of Geology Sri Lanka (IGSL) J.L.G.S. Jayawardena, K.M.N.Kendaragama
2020.02.28	GSSL Annual technical session	Pitakotte		
2020.01.22 to 2020.01.24	EIA training program organized Center for Environmental Justice	Chinthana Training Centre, Nainamadama	Center for Environmental Justice	D.M.S Dissanayake A.M.D.U Abeysinghe Tharanga Munasinghe

Training, Workshops and Seminar (Foreign)

Period	Topic	Venue	Funded by	Officers Involved
12.01.2020- 8-03-2020	Global seismological observation	IISEE	JICA	A.A.C Priyantha
11- 13.02.2020	Training on SeiscomP3 software	GSMB	GSMB , Helmoltz Centre Potsdam GFZ	Seismic Monitoring Centre officers, GSMB
14 th -25 th September 2020	International Virtual Workshop on Global Seismology & Tectonics	Geoscience & Technology Division, CSIR-NEIST, Jorhat, Assan(India)	Online	R.M.T.U Rathnayake
24 th November 2020	the IMS Station Operators Capacity Building Webinar on Further Development of Technical Training Programme for IMS Waveform Station Operators	CTBTO	Online	J.B. Herath R.M.T.U Rathanayake W.M.S.K.Weeranayake
24/11/2020- 27/11/2020	Virtual Workshop on Strategic Environmental Assessments for Nuclear Power Programs organized by IAEA	Online	-	S.N.B. Thaldena.
12/12/2020- 16/12/2020	The Second International Webinar Workshop on: Advanced Seismology, Seismic Hazards and Earthquake Engineering organized by national Institute of Technology, Agrtala, India	Online		S.N.B. Thaldena

Publications

- An inexpensive simple method for preparation of fused beads for xrf analysis of geological samples: calibration with standards and application to vijayan granitoids (W.K.B.N. Prame and Y.P.S. Siriwardana), Abstract Volume - 36th Annual technical Sessions of GSSL
- Occurrence of gold (au) in copper-magnetite deposit at seruwila, sri lanka (C.H.E.R. Siriwardana and W.K.B.N. Prame Abstract Volume - 36th Annual technical Sessions of GSSL)
- Subsurface structural characters of the boundary between wannu complex rocks and miocene sedimentary formation (Nalin de Silva and S.B. Harankahawa), Abstract Volume - 36th Annual technical Sessions of GSSL
- Radiological, mineralogical and geochemical characteristics of recently identified radioactive anomalous areas in southwestern, sri lanka (K.A.G. Sameera, K.T.U.S. de Silva, C.R. Welikanna, S.B. Harankahawa and W.A.G.K. Wickramasinghe) Abstract Volume - 36th Annual technical Sessions of GSSL
- Influence of Crystallization of Phosphate Minerals on Rare Earth Element Chemistry of Eppawala Phosphate Deposit, Sri Lanka; W.M.S.K. Weeranayake*, Y.L. Yatawara, H.M.T.G.A. Pitawala, N.W.B. Balasooriya, Conference paper –Research Congress 2020, Post Graduate Institute of Science, University of Peradeniya
- Sameera, K.A.G., Wickramasinghe, W.A.G.K., Harankahawa, S.B., Welikanna, C.R. and de Silva, K.T.U.S. (2020) Radiometric surveying for Th and U mineralization in southwestern, Sri Lanka: radiological, mineralogical and geochemical characteristics of the radioactive anomalies. Journal Geological Society of Sri Lanka, Vol. 21-2, 57-80.
- Crustal structure of Sri Lanka derived from joint inversion of surface wave dispersion and receiver functions using a Bayesian approach” [Paper #2019JB018688R] to Journal of Geophysical Research - Solid Earth. Jennifer Dreiling, Frederik Tilmann, Xiaohui Yuan, Christian Haberland, S. W. Mahinda Seneviratne First published on 21 April 2020 <https://doi.org/10.1029/2019JB018688>
- Sameera, K.A.G., de Silva, K.T.U.S., Welikanna, C.R., Harankahawa, S.B. and Wickramasinghe, W.A.G.K. (2020) Car-borne radiometric mapping and recently identified radioactive anomalous zones in the south-western, Sri Lanka. Proceedings of the 36th Annual Technical Sessions of Geological Society of Sri Lanka, pp 16.

Sameera, K.A.G., Fernando, G.W.A.R. and Dharmapriya, P.L. (2020) First report on in-situ occurrences of ekanite from Galle, South-western Highland Complex, Sri Lanka. Proceedings of the 36th Annual Technical Sessions of Geological Society of Sri Lanka, pp 3.

MINES DIVISION

MAJOR FUNCTIONS OF THE MINES DIVISION

The Mines Division is presently functioning with Nineteen Regional Offices. These offices have been established to provide our services for the customers engaged in various mining industries. With the recent amendments to the Mines and Minerals Act # 33 of 1992 wider power has been given to the Bureau to control illegal mining activities. The main work includes site inspection, test blasts, inquiring public complaints, issuing of licenses for mining, trading, exploration and transport and minimizing illegal mining activities. Major functions of the Mines Division include;

- Evaluate commercial viability of mining for processing and export of minerals under the Mines & Minerals Act No.33 of 1992
- Regulate the exploration and mining for minerals and the processing, trading in and export of such minerals by the issuance of licenses
- Advise the minister on measures to be adopted for the promotion of the extraction and production of minerals on a commercial basis

SERVICES AVAILABLE

- Mine inspection (mobile service – issuing licenses, technical advices)
- Expert services (blasting techniques, license upgrading, safety methods, test blasts, crack surveys)
- Awareness Programmes (Awareness Programmes for public officers & license holders, Workshops for people engage in mining activities, Exhibitions)
- Rehabilitation Programmes (motivating mines to safeguard the environment and supervising the environment protection and rehabilitation activities carried out by mines).

INCOME GENERATED THROUGH ISSUING LICENSES

Under the Mines & Minerals Act No. 33 of 1992, the GSMB issues following types of licenses.

- Exploration licenses
- Mining licenses (Artisanal, Industrial, Reserved Minerals)
- Trading licenses
- Export licenses
- Transport licenses

Details of these licenses are as follows:

- **Exploration Licenses (EL) – (Income)**

An Exploration license grants the license-holder the exclusive right to explore for all mineral categories authorized by the license.

- **Mining Licenses**

Artisanal Mining Licenses (AML) – (Income)

Grants the license-holder the exclusive right to mine, process and trade in all minerals specified in the license within an area not exceeding ten hectare or to a depth not exceeding twenty five meters.

Category A

- which shall include one or more of the under-mentioned conditions
- The depth of bore hole to be less than 1.5 meters
- The production volume to be not less than 100 m³ and not more than 600 m³ per month
- No machinery to be used

Category B

which shall include any one or more of the under mentioned conditions

- The depth of the borehole to be less than 1.5 meters
- Production volume to be not exceeding 100 m³ per month
- No machinery to be used

Industrial Mining Licenses (IML) – (Income)

Grants exclusive right to explore for, mine, process and trade in all minerals mined within the area specified in such license. After the regulation amendment 2130/45 on 04.07.2019, industrial mining license were amended from three categories (Category A, B, C) of mining license to four categories (Category A, B, C, D) of Industrial mining license.

Category A (include one or more of following conditions)

- Blasting method - multi-borehole using delay elements
- The depth of the bore hole - more than 3.0 meters
- Production volume - more than 5600 m³ per month
- Machinery to be used - track drills, jack hammers, rock breakers, front-end loaders and other machinery

Category B (include one or more of the following conditions)

- Blasting method - multi-borehole using delay elements
- The depth of boreholes - not more than 3.0 meters
- The production volume – less than 5600 m³ per month
- Machinery to be used - track drills, jack hammers, rock breakers, front-end loaders and other machinery

Category C (include one or more of the following conditions)

- Blasting method - single shot-hole

- Depth of the bore hole - less than 3 m
- Production volume - less than 2800 m³ per month
- Machinery to be used - track drills, jack hammers, rock breakers, front-end loaders and other machinery

Category D (include one or more of the following conditions)

- Blasting method - single shot-hole
- Depth of the bore hole - less than 1.5 m
- Production volume - should less than 1400 m³ per month
- Only jack hammers to be used

Reserved Minerals (RML) – (Income)

License to explore, for, mine, process and trade in reserved minerals may be granted with the approval of the Minister.

- **Trading Licenses (TDL) – (Income)**

A trading license shall grant the non-exclusive right to purchase, store, process, trade in and, with the special authorization of the Director, to export minerals in respect of which the license is issued.

Category A - to trade in minerals for export

Category B - to trade in minerals locally

Category C - to trade in bricks and lime produced manually.

- **Transport Licenses – (Income)**

License to transport mineral-bearing substances or minerals shall be issued for such quantity and period and for such minerals as may be specified in such license. All exploration, mining and trading licenses shall require a transport license to transport mineral-bearing substances or minerals.

- **Export of Minerals – (Income)**

All exploration, mining and trading licensees shall obtain the special authorization of the Director of the GSMB to export minerals in respect of which the license is issued.

Royalty – (Income)

Following chart shows the royalty income collected by the GSMB. It clearly shows a general increase of royalty collection.

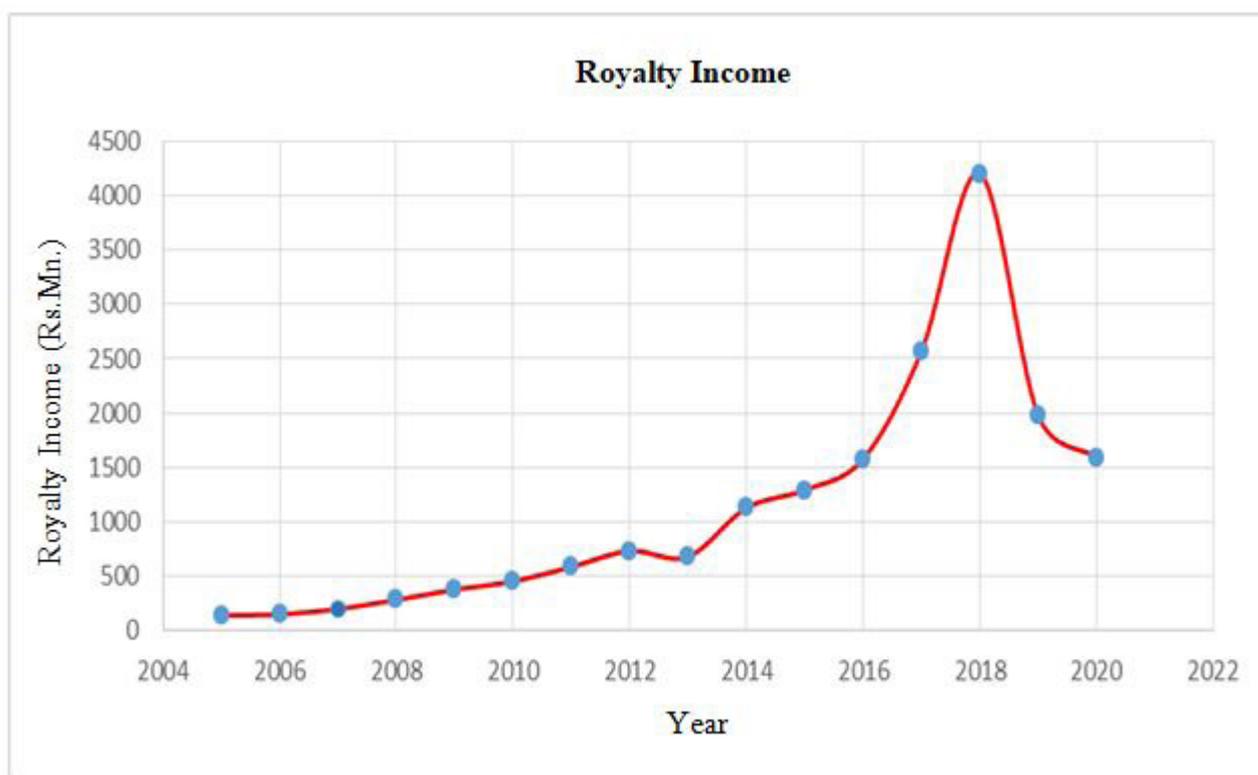


Fig. 1: Income generated by royalty during the period of 2005 to 2020

Year	Royalty Income (Rs. Mn.)	Year	Royalty Income (Rs. Mn.)
2005	143.06	2013	681.27
2006	150.26	2014	1,128.46
2007	199.66	2015	1,293.43
2008	284.05	2016	1,578.58
2009	378.29	2017	2,569.32
2010	453.85	2018	4,202.44
2011	586.89	2019	1,977.61
2012	732.71	2020	1,594.37

Income generated by Mines Inspections

Rapid increase of Income generated by Mines Inspections shows in following graph tells the rapid development of the Mineral Industry of the country.

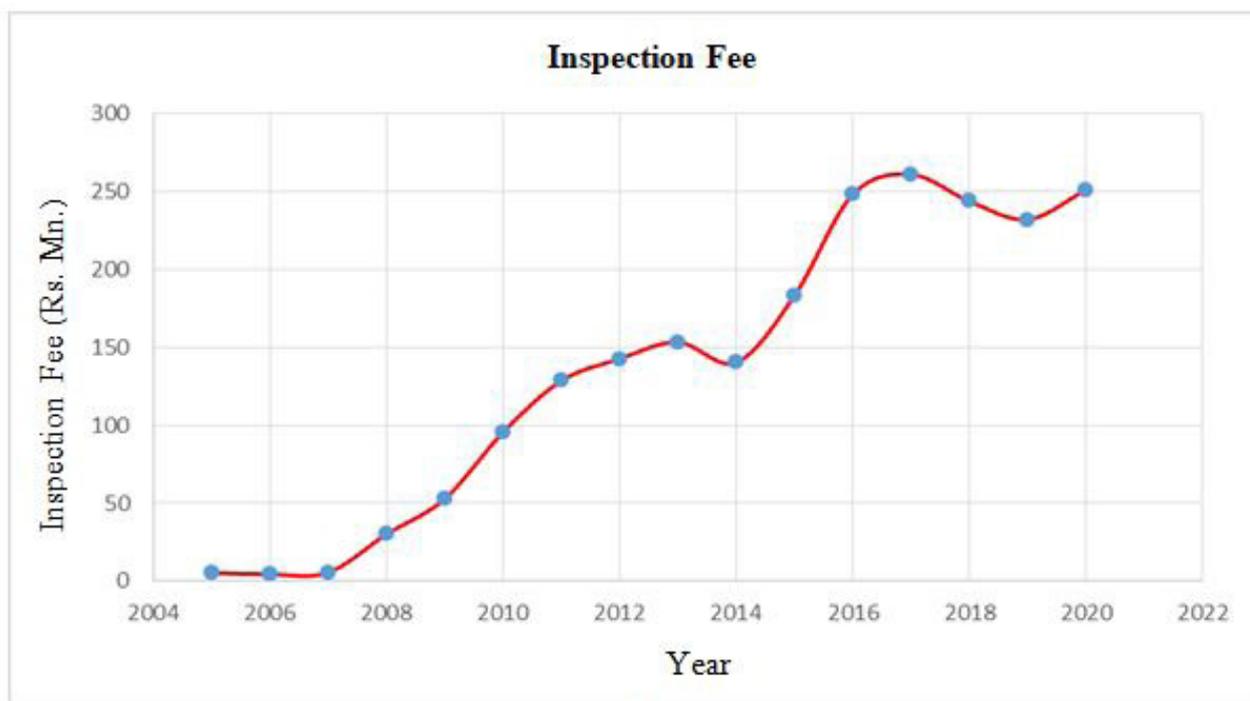


Fig. 2: Income generated by mines inspection during the period of 2005 to 2020

Year	Inspection Fees (Rs. Mn.)	Year	Inspection Fees (Rs. Mn.)
2005	5.25	2013	153.23
2006	4.43	2014	140.15
2007	5.61	2015	182.94
2008	30.07	2016	247.95
2009	52.76	2017	260.66
2010	95.45	2018	243.54
2011	128.42	2019	231.81
2012	142.52	2020	250.83

Income generated by issuing Licenses

The amount of licenses issued by the bureau for various minerals in 2020 is depicted by the table below.

License type	License category	No. of Licenses issued	Total Charge
Exploration	EL	29	4,643,000.00
Mining	IML/A	113	15,000,000.00
	IML/B	278	6,084,000.00
	IML/C	1822	19,024,000.00
	IML/D	537	2,685,000.00
	AL/A	2627	12,906,000.00
	AL/B	2037	3,922,500.00
Trading	TDL/A	12	90,000.00
	TDL/B	3318	16,590,000.00
	TDL/C	05	5,000.00
Transport	TPL	726748	65,407,320.00
Export		573	2,865,000.00
Total		1074640	149,221,820.00

Following chart shows the income generated by issuing licenses for exploration, mining, trading, transportation and export of minerals.

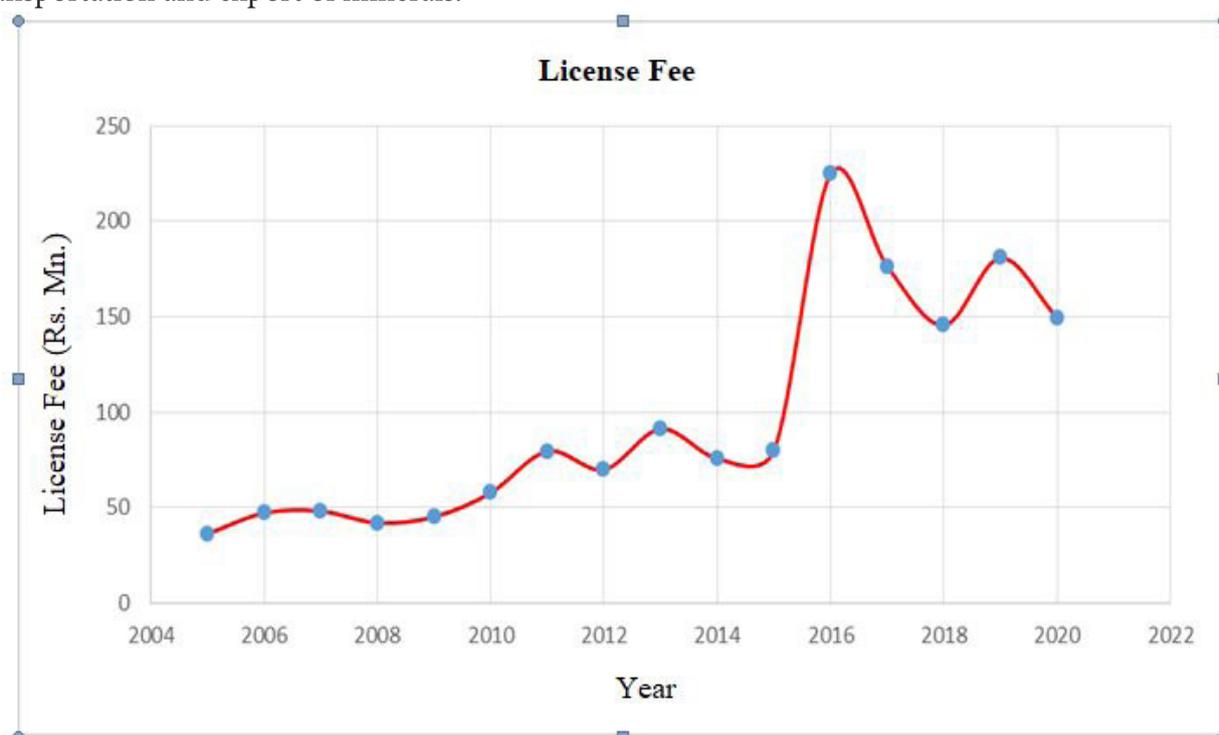


Fig. 3: Income generated by issuing license during the period of 2005 to 2020

GEOLOGICAL SURVER & MINES BUREAU

Year	License Fees (Rs. Mn.)		License Fees (Rs. Mn.)
2005	36.05	2013	91.15
2006	47.04	2014	75.6
2007	48.04	2015	80
2008	41.9	2016	224.8
2009	45.07	2017	176.4
2010	57.64	2018	145.47
2011	79.46	2019	180.81
2012	69.82	2020	149.22

Summary Performance (Financial and Physical) - Year 2020

Activity	Annual Allocation & Target		Financial and Physical achieved		Progress (%)
	Physical target	Financial target (Rs.'000')	Physical target achieved	Financial target achieved (Rs.'000')	
1.1 License Issuing					
1.1.1 Exploration License	40	3,000	29	4,643	73
1.1.2 Industrial Mining License A	150	22,000	113	15,000	75
1.1.3 Industrial Mining License B	1,200	36,000	278	6,084	23
1.1.4 Industrial Mining License C	2,000	20,000	1,822	19,024	91
1.1.5 Industrial Mining License D	1,200	6,000	537	2,685	45
1.1.6 Artisanal Mining License A	1,100	5,500	2,627	12,906	239
1.1.7 Artisanal Mining License B	4,000	8,000	2,037	3,922	51
1.1.8 Trading License A	30	230	12	90	40
1.1.9 Trading License B	5,000	25,000	3,318	16,590	66
1.1.10 Trading License C	10	10	5	5	50
1.1.11 Transport License	1,500,000	135,000	726,748	65,407	48
1.1.12 Export License	750	3,700	573	2,865	76
1.2 Royalty		2,790,000		1,594,367	57
1.3 Inspection Charges		600000		250,835	42
1.4 Other Income		180000		35,962	20
2.1 Test Blast (payment received)	60		263	10,720	297

Activity	Estimated Target (No.)	Target Achieved (No.)	Progress (%)	Remarks
2.1 Engineering Design/ Approving Test Blast	60	178	297	Even through money 263 test blast were schedule to conduct only 178 were able to be proceed due to Covid 19 situation.
2.2 Rehabilitation & Mine Closure	500	394	79	
2.3 Environmental Impact Assessment	55	24	44	
2.4 Blasting Course	2	0	0	Due to Covid 19 Pandemic
2.5 Market Survey of Mineral	100%	-	-	As it is difficult to carry out market survey for all minerals, it is conducted for Sand as the initial stage. A committee has been appointed for this task. They gathered data & conducted few discussions as well. However, the committee was dissolved at last.
2.6 Assess Technical Reports	1350	811	60	
2.7 Introducing Processing License	100%	0	0	Due to Covid 19 Pandemic
3.1 Establishing New Regional Offices	-	-	-	
3.2 Land Acquisition for Regional Offices	2		10	Procurement process for obtaining lands for Matara and Hambantota Regional Offices is in progress.
3.3 Construction of Building for Regional Offices	1		20	Construction of a building for the Polonnaruwa Regional Office has commenced. The procurement process for the construction of a building for the Kurunegala Regional Office is in the final stage. The procurement process for the construction of the Ratnapura Regional Office Building is in the initial stage.

GEOLOGICAL SURVER & MINES BUREAU

4.1 Awareness Programs for Government Officers	10	0	0	
4.2 Awareness Programs for Government Officers	20	2	10	
4.3 Awareness Programs for People	6	0	0	
5.1 Identifying Mineral & Mine Zones	1			The process could not be carried out due to the difficulty of conducting the required field visits due to the prevailing corona epidemic situation.
5.2 Declaration of Mine Zones	-			
6.1 Government Process Restructuring	50%		25	Expression of Interest has been given for this process.
6.2 Field Investigation Tracking System	100%			Although Field Investigation Tracking System has been activated, it has not been able to be used due to its shortcomings.
6.3 Process of Standerization(5S)	40%			Polonnaruwa Regional Office has started process of 5S.
7.1 Reanalyzing the Production Calculation Based on Explosive	100%			New method has been introduced for Aggregate.
7.2 Amendment of Blasting Monitoring Parameters	20%			

Regional Offices:

The Mines Division is presently functioning with sixteen (19) Regional Offices at Ampara, Anuradhapura, Badulla, Batticaloa, Colombo, Gampaha, Hambantota, Jaffna, Kagalle, Kalutara, Kandy, Kurunegala, Matale, Matara, Monaragala, Polonnaruwa, Ratnapura, Trincomalee and Vavuniya with two (3) sub offices at Mannar, Hasalaka and Kantale. The major activities of these Regional Offices are to cater better services for the customers who are engaged in various Mining Industries in relevant provinces and control the illegal mining activities.

The Regional Mining Engineers attached to the Regional Offices in Year 2020 are as follows:

Regional Office	<u>Regional Mining Engineer</u> / <u>Mining Engineer</u>
Ampara	<u>Eng.H.A.C.K.W.Bandara</u> , Eng.H.M.J.C Weerasooriya
Anuradhapura	<u>Eng.C. K.Karunananda</u> , Eng.S.A.J Kumarasiri, Eng.R.R.Kulas
Badulla	<u>Eng.W.A.S.Rupawansa</u> , Eng.E.M.K.B.Ekanayaka
Batticaloa	<u>Eng.M.R.M.Farees</u> , Eng. P. Pavithra
Colombo	<u>Eng. W.D.M Perera</u> , Eng. N.W.C.P Lanka
Gampaha	Eng.R.M.D.Rathnayake, Eng.W.Gajasinghe
Hambantota	<u>Eng.U.H.T.Priyantha</u> , Eng.S.P.K.Pathirana
Jaffna	<u>Eng.D.Mayooran</u> , Eng.C.Jayarooan , Eng. S. Krishnakumar, Eng. S. Sivalingam
Kagalle	Eng. K.G.G.Kumburuhena, Eng. W.G.S. Kokila
Kalutara	<u>Eng.W.A.A.C.Wanniarachchi</u> , Eng.U.L.H.Chathurani
Kandy	<u>Eng. A.P. Wimalasena</u> , Eng.G.V.A.D.C.Godagama

Kurunegala	<u>Eng. K.N.W.K.Wimalarathna</u> , Eng.W.M.N.T Warnasooriya, Eng. K. Chiyawarnan
Matale	Eng.A.M.H.V.Adhikari , Eng. E.M.C.K Ekanayaka
Matara	<u>Eng.D.L.P.M Dauglas</u>
Monaragala	Eng.T.M.W.Bandara, Eng. S.S. Lanka
Polonnaruwa	Eng.W.M.T.U Jayasinghe
Ratnapura	<u>Eng.T.S.Kumara</u> , Eng. S. Abeysignha
Trincomalee	<u>Eng.P.A.S.Kumarasinghe</u> , Eng.K.Vigneshamoorthy
Vavuniya	<u>Eng.J.M.E.P.K.Jayasekera</u>

LEGAL DIVISION

Hierarchy of Legal Section

(As approved by the Management Service Department)



- **Present Staff of the Legal Section**

1. Mrs. Kanchana Fernando - Director (Legal) Attend to Duties
2. Mr. Ranjith Priyantha - Assistant Director (Legal)
3. Mrs. Surakshika De Fonseka - Assistant Legal Officer (Contract Basis)
4. Miss. M.D.P. Piumi- Assistant Legal Officer (Contract Basis)
5. Mrs. Narmada Fernando - Assistant Legal Officer (Contract Basis)
6. Mr. Thilina Wijesuriya - Enforcement Officer (Contract Basis)
7. Mrs. Ann Padmini - Management Assistant
8. Mrs. Udenika Premamali- Management Assistant
9. Mrs. Vineetha Vijayalakshmi- Management Assistant
10. Miss. Isuri Nadeesha - Management Assistant
13. Mr. Dhammika Pushpakumara- Office Assistant

Functions of Legal Section

◀ Through Letter Of Demands / Filing of New Cases against Condition Violation and Illegal Mining - 03
(Cases Has not been filed due to the Pandemic Situation in the Country)

◀ Total Number of Cases handled by Legal Section- 59

Supreme Court	-	10 Cases
Court of Appeal	-	10 Cases
Civil Appellate High Court	-	01 Case
High Court	-	05 Cases
District Court	-	01 Cases
Magistrate Court	-	27 Cases
Labour Tribunal	-	02 Case
Human Rights Commission	-	03 Cases

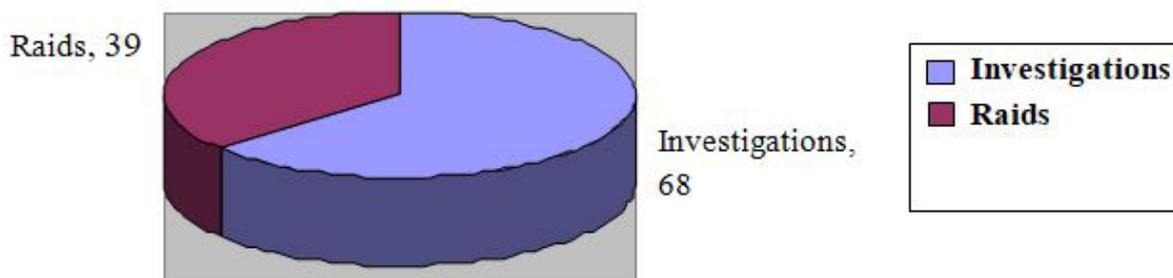
◀ Appearing in Courts – 187 Days

◀ Filing of New Cases following the raids Conducted by Enforcement Unit- 33

January - 02	July- 08
February- 01	August- 03
March- -	September- 01
April- 01	October- 02
May- 05	November- 07
June- 02	December- 01

◀ Consultations held with Attorney General Department regarding cases handled by legal section and for obtaining legal opinion- 18

◀ Investigations and Raids conducted by Enforcement Unit- 107



GEOLOGICAL SURVER & MINES BUREAU

Total sum of Rupees collected as royalty, through Letters of Demand and filing Court Actions- Rs. 5,247,953.03

Through Letters of Demand of Royalty - Rs. 645,796.07

Through filing cases / Letter Of Demands - Rs. 4,602,156.96

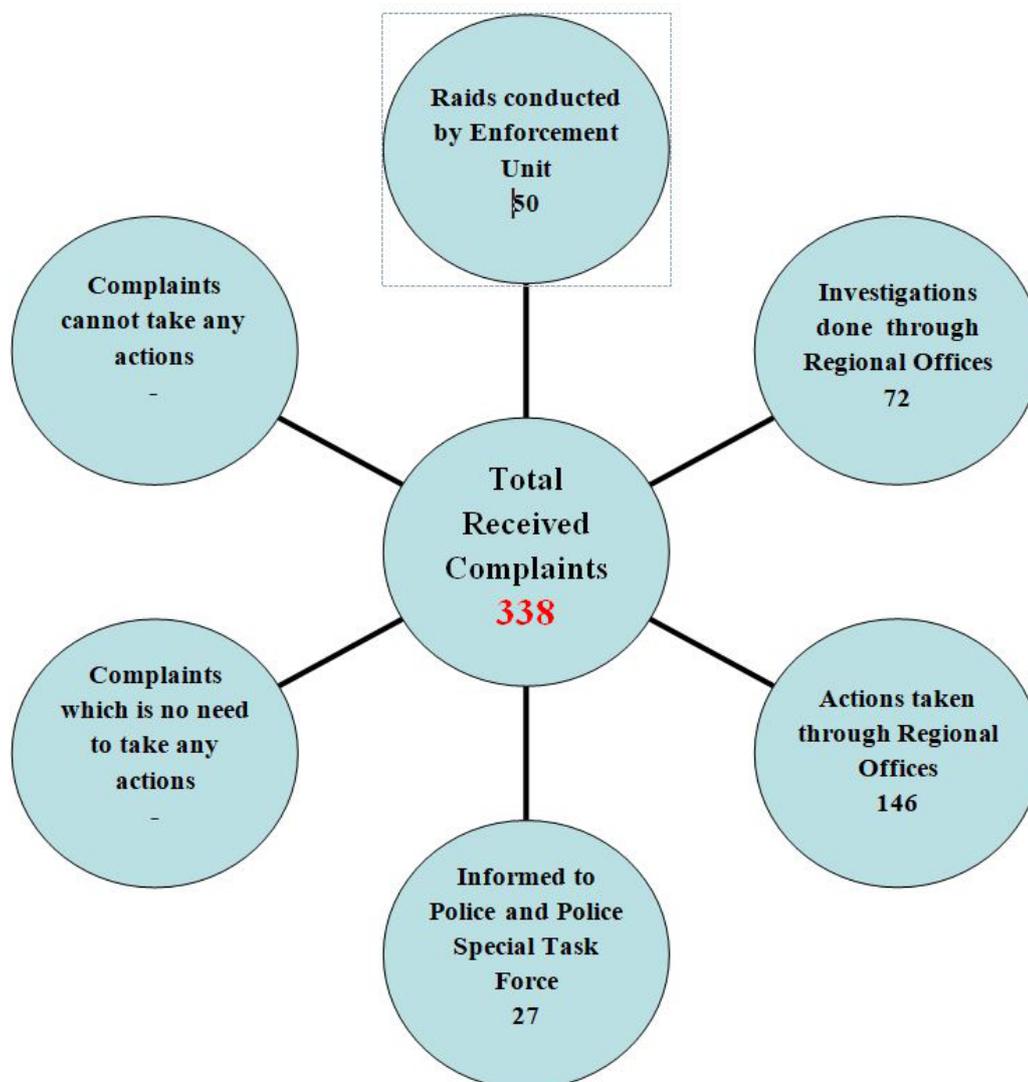
- ◀ Letters received by legal section for obtaining legal advices and for take necessary actions- 1579
- ◀ Preparation of Letters, Reports, Memos to send to Police Stations, Courts, Government Authorities, subordinates, License Holders/Applicants & others- 512
- ◀ Mining Files Handled by Legal Section for Providing Legal Advices- 677
- ◀ Letters handled by Enforcement Unit – 284
- ◀ Awareness Programmes for Police Officers and for Police Special Task Force Officers conducted, by Legal Section regarding Mines and Minerals Act.

District	Date
Katana (Police Academy)	22.01.2020
Mannar	06.03.2020

- ◀ Agreements prepared on behalf of GSMB - 29
 - Lease Agreements - 08 Project Agreements - 12
 - Service Agreements - 05 Memorandum of Understanding (MoU) - 04
- Necessary actions were taken to obtain the ownership for the reserved lands for Yakkala .
- ◀ Amendments to the Act
 - Internal meetings were held to obtain the views of other sections in the months of February, July, September, October and December. (Conducted 06 Meetings)
 - Identified important areas to be amended.
 - Identified amendments for the offences on rehabilitation, conditions violating and confiscating of illegally mined minerals and equipment.
 - Proposals of the Act Amendment were Finalized on December 2020.
- ◀ Total Meetings- 75
 - Board of Management Meeting - 03
 - Audit and Management Meeting - 03
 - Other Internal Meetings representing Legal Section - 60 (Internal discussion/Sectional Head meetings/Presentation etc..)

- Appeal Hearing at Ministry of Environment- 05
- Inspections - 04

◀ **1921 Hotline**



◀ **Summary**

- Filing of New Cases following the raids Conducted by Enforcement Unit- 33
- Filing of New Cases against Condition Violation and Illegal Mining - 01
- Total Number of Cases handled by Legal Section- 56
- Appearing in Courts - 187 Appearances
- Consultations held with Attorney General Department regarding cases handled by legal section and for obtaining legal opinion- 18
- Letters received by legal section for obtaining legal advices and for take necessary actions-1579

- Investigations and Raids conducted by Enforcement Unit- 107
- Total sum of Rupees collected as fine to Government, through the investigations and raids- Rs. 1,160,000
- Preparation of Letters, Reports, Memos to send to Police Stations, Courts, Government Authorities, subordinates, License Holders/Applicants & others- 512
- Mining Files Handled by Legal Section for Providing Legal Advices- 677
- Letters and Files handled by Enforcement Unit - 284
- Awareness Programmes for Police Officers and for Police Special Task Force Officers - 02
- Other Awareness Programmes- -
- Agreements on behalf of GSMB - 29
- Meetings - 75
- Total received complaints to 1921 Hotline- 338
- Total earnings for GSMB (collected as royalty, through Letters of Demand and filing Court Actions)- Rs. 5,247,953.03

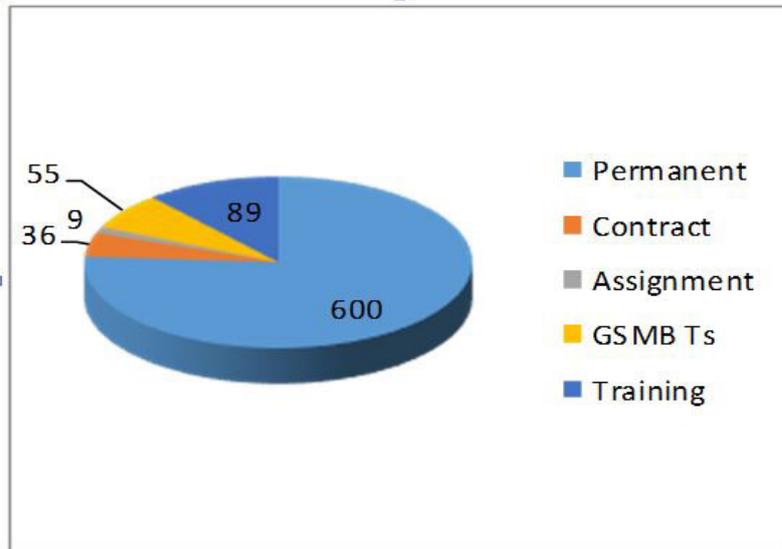
HUMAN RESOURCE DIVISION

VISION

“To become the most urged Strategic Business Partner of the Bureau in the journey of achieving its objectives and targets by utilizing the human resource to the optimum”

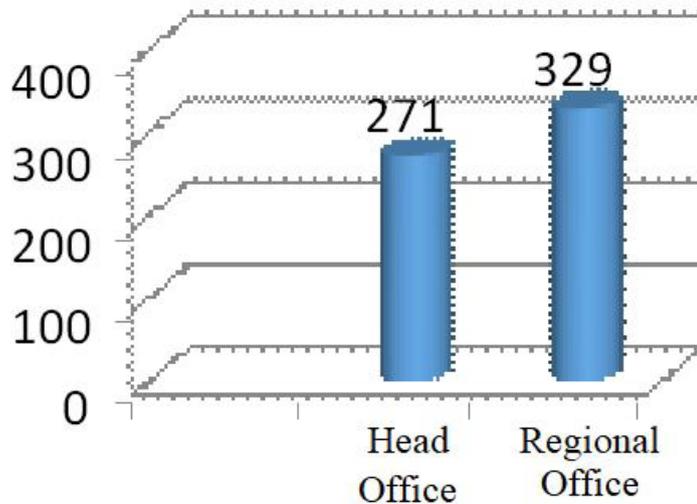
HUMAN RESOURCE SUMMRY AND ANALYSIS – 2020

Employee	Analysis
Permanent	600
Contract	36
Assignment	09
GSMB TS	55
Trainees	89
Total	789



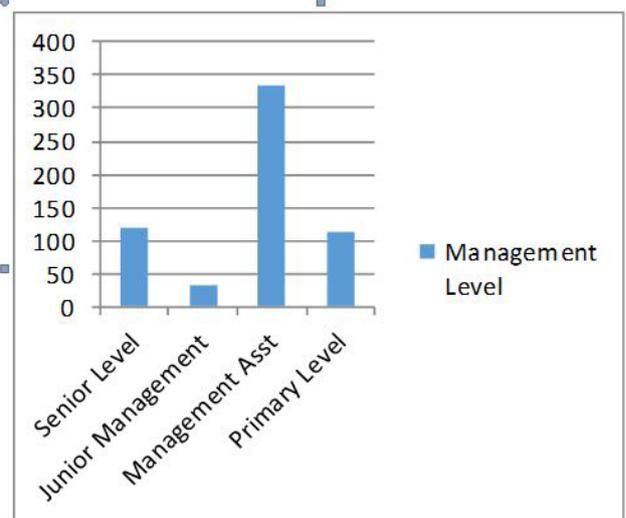
Location wise Analysis (Permanent Cadre)

Head Office	271
Divisional Offices	329
Total	600



Gender wise Analysis (Permanent Cadre)

Senior Management	118
Junior Management	33
Management Assistants	335
Primary Level	114
Total	600



EMPLOYEE WELFARE FOR THE YEAR 2020

1. Providing Insurance Schemes to employees for Personnel Accident, Workmen Compensation .
2. Reimbursement of Surgical Hospitalization expenses of the employees through an Insurance
3. Providing an Opportunity to the employees to have a full body check up
4. Reimbursement of OPD Bills of the employees upto Rs. 40,000/-
5. Awarding Gold Sovereigns to the employees who completed more than 20 and 25 Years of service respectively in the Bureau
6. Awarding the employees who resigned or retired during the year
7. Establishing a Grievance committee in order to solve the grievances of the employees
8. Reimbursement of 66% of the interest of the Hosing loans obtained by the employees from Financial Institutions
9. Providing a Distress Loan facility to the employees upto 10 months salary.
10. Referring the employees to Local and foreign training programmes
11. Providing Financial assistance to the employees through the critical Illness fund
12. Providing a Meal allowance to the employees in order to enhance the regularity of the employees.
13. Providing Uniforms to the Primary Level Employees.
14. Reimbursement of expenses for purchasing books during the month of literacy.
15. Providing financial assistance to the employees in the event of a child birth or a death.
16. Providing financial assistance to the children of the employees to purchase school books, shoes, and uniforms
17. Awarding the children of the employees for passing the scholarship exam and G C E O/L and G C E A/L
18. Providing monthly allowance to the children of the employees who have gained admission to the Universities.

PLANS FOR 2021

1. Preparing a new Cadre for the Bureau asserting the optimum cadre requirement and adjusting and correcting the SOR and obtaining the necessary approvals.
2. Organizing the training programmes for the employees continuously in order to enhance their productivity and performance.
3. Providing all the safety measures to the employees in order to protect them considering the wide spread of COVID 19 throughout the country.
4. Obtaining a Productive outcome through employee welfare and improving employee satisfaction.

LABORATORY DIVISION

GSMB Laboratories.....

The GSMB is currently functioning with two modern laboratories namely the Analytical Laboratory and & the Petrology laboratory; possessing modern technology to accurately identify, analyse and assess any earth material from any part of the world.

Analytical laboratory

ISO/IEC 17025 TL 084-01 Accredited laboratory.

The Analytical Laboratory of the GSMB has pioneered in the field of silicate analysis in Sri Lanka. We have been providing quality analytical services to the mineral based industry and geological research for over a period of five decades.

Analytical Laboratory is an ISO/IEC 17025 accredited laboratory committed to maintain quality, precision and accuracy in geo analytical testing.

* We provide customers with accurate and reliable chemical analyses of

- Rocks, mineral ores, soils and allied raw materials
- Ground water and surface waters
- Industrial effluents
- Other miscellaneous materials i.e glass Metal alloys, ceramics, cement, fertilizers etc.

We undertake the systematic analysis of samples generated from mineral exploration projects.

- We chemically assess the quality of drinking water and the levels of chemical pollution of industrial effluents and waste water.
- We analyse more than 25 major, minor and some rare earth elements are determined in an analytical range from percentage to ppm and ppb levels
 - Major elements: SiO₂, Al₂O₃, Fe₂O₃, Na₂O, K₂O, CaO, MgO, TiO₂, P₂O₅ and MnO etc.
 - Heavy metals : Cadmium, Lead, Chromium, Copper, Cobalt, Manganese, Nickel, Zinc etc.
 - Nonmetals: Mercury, Arsenic, Selenium, Antimony etc.
 - Rare earth Elements: Cerium, Lanthanum, Thorium, Uranium etc.
- The Analytical laboratory is well equipped with following sophisticated state of the art analytical instruments.

- ICP-OES
 - WD-XRF
 - Atomic Absorption with flame, furnace and hydride generation techniques
 - Mercury Analyser with cold vapour techniques
 - UV-Visible Spectrophotometer
 - Shatter box and planetary ball mills with tungsten carbide and agate vessels.
- We have in place a quality assurance programme in order to ensure the reliability and validity of analytical results provided to our clients.

Petrology laboratory

The Petrology Laboratory has pioneered in the field of petrographic analysis and laboratory scale mineral separation work in Sri Lanka.

Petrology laboratory has been providing state of the art mineralogical services to the nation for a period of over five decades and we are currently in a position to satisfy the needs of customers in following areas:

- Determination of physical & optical properties of minerals (i.e hardness, specific gravity, radioactivity, magnetic susceptibility, refractive index, Birefringence, pleochroism, absorption spectra, interference figure, optic sign etc.)
- Accurate mineral and rock identification
- Assessing the quantitative mineral composition of rocks, ores, mineral sands and other mineral raw materials
- Provision of thin sections, micro photographs and petrographic reports of rocks, ores, mineral sands, concrete etc.
- Precise lab scale mineral separations: magnetic and gravity.
- Particle size analysis of sands, silts, clays and industrial slurries etc.
- Lab scale slicing and polishing of rocks, minerals and ores.
- Assessing the mineral composition of clays, carbonate rocks etc.

Instrumentation

- Diamond cut-off saws, slab saws and trim saws to slice and trim rocks
- Precision lapping machine for fine lapping and polishing of thin sections of rocks and ores.
- Iso-dynamic magnetic separator for precise mineral separation.
- Refractometers, Polariscopes, Dichroscopes, Spectroscopes,

GSMB laboratories are staffed with professional geo chemists and petrologists. Routine work is carried out by experienced research assistants.

Financial Review

Compared to the previous year the Geological Survey and Mines Bureau shows comparatively a low value as far as its income and expenditure are concerned. Accordingly the Bureau managed to earn a net profit of 158 million rupees (2018 – 391 million rupees) during the year ended as at 31st December 2019. However the income of the Bureau decreased by 46.63% during the year under review due to the fact that no income was received from the Colombo Port City Development Project. The amount decreased is indicated as 2797.5 million rupees (2018 – 52 42.01 million rupees)

The following incomes makes the total income of the Bureau

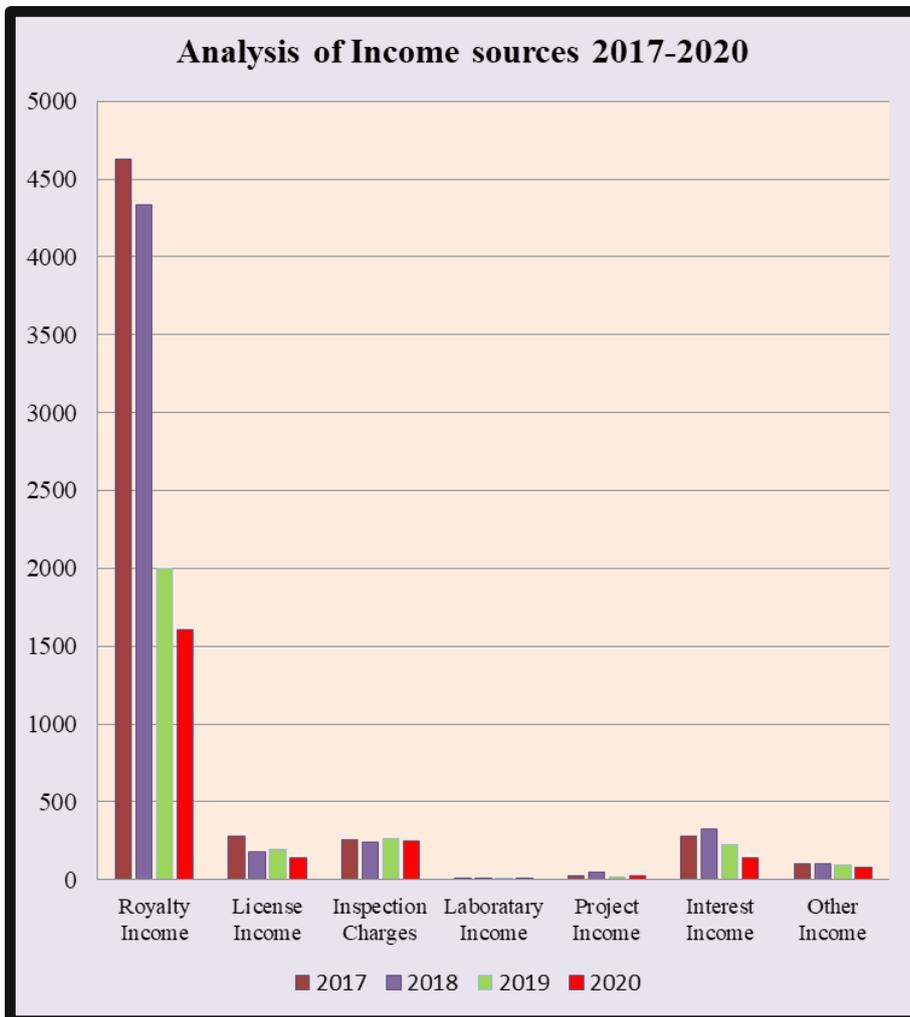
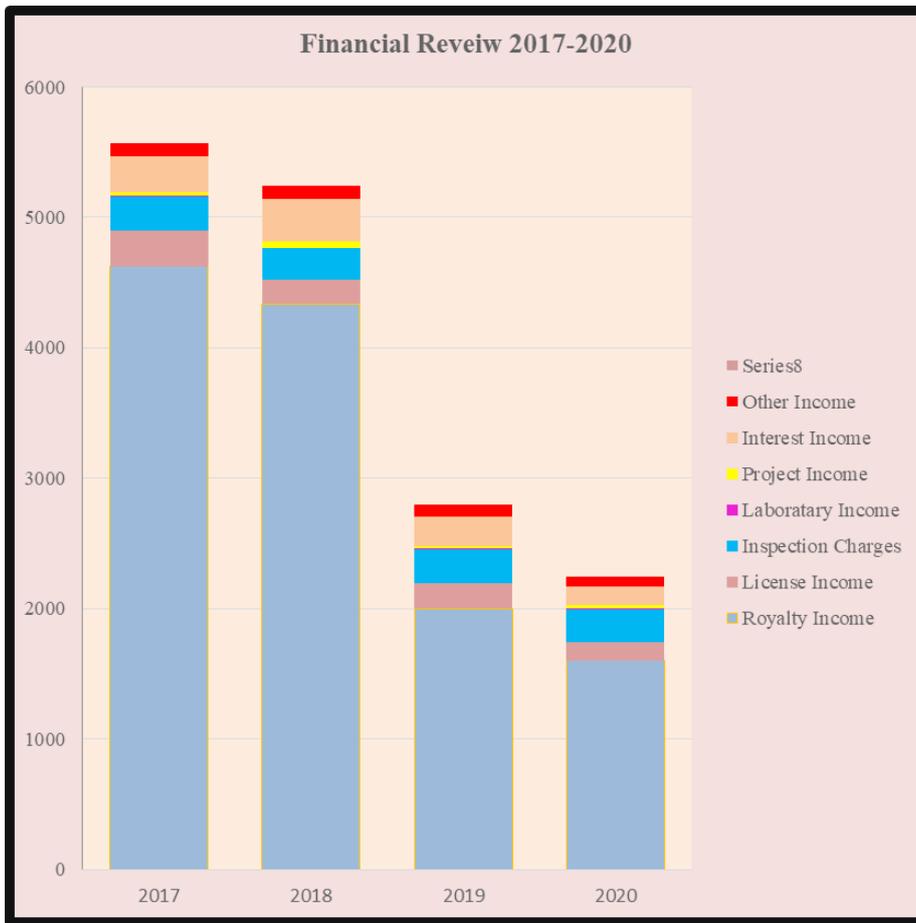
Royalty income 2019 : 1997 million rupees (2018: 4336 million rupees), License charges 2019 : 194 million rupees (2018 : 182 million rupees) Inspection charges 2019 : 194 million rupees (2018 : 244 million rupees) Laboratory income 2019 : 5.3 million rupees (2018 : 4.1 million rupees) Project income – 2019 : 18.1 million rupees (2018 : 46.6 million rupees).

The royal income decreased by 54% in the year 2019 compared to the year 2018 due to the fact that the income to be received from the Colombo Port City Project was not received. This indicated a marked decline in the income of the Bureau.

However inspection income and laboratory income show a growth.

Though the net profit earned this year has declined by 59.5% in comparison with the previous year ,the total amount of net profit earned during the year is 158 million rupees.

Income Category	Rs. Million			
	2017	2018	2019	2020
Royalty Income	4626	4336	1998	1602
Licence Income	276	182	194	143
Inspection fee income	260	244	262	252
Laboratory Income	2.6	4.1	5.3	3.6
Project Income	24	49	18	24
Interest Income	281	323	228	143
Other income	100	106	92	78



Corporate Governance

Good corporate governance is globally accepted as being fundamental to an organization's competitiveness, growth and sustainability. There is great attention on Board of Management to discharge their duties with high ethical values and accountability in their commitment to good governance practices.

For our Bureau to be successful over the long term and create value of customers, it must create value for society. Our approach to Creating Value is built upon a set of strong principles and values set by the Board of Directors. We regularly review our governance against legal requirements and best practices.

The Board is the custodian of the Bureau's values and of its long-term vision, and provides strategies direction and guidance to the Bureau. The Board receives regular updates, including between meetings if necessary, on a range of matters including core activities, financial, legal and customer affairs.

The GSMB is governed by the Board of Management. The members of the Board of Management (BOM) are appointed by the Hon. Minister in charge of the subject as per the requirements of the Mines and Mineral Act. The Board of Management is consisted of 7 members and they are as follows. The Legal Officer of GSMB serves as the Secretary to the BOM.

- The Secretary to the Ministry of the Minister in charge of the subject of industries or his representative
- The Secretary to the Ministry of the Minister in charge of the subject of environment or his representative
- Three members who appear to the Minister to have demonstrated practical experience and possess knowledge in the field of Geology, Mining, Business Management, Finance and Law
- One member appointed by the Minister in consultation with the Minister in charge of the subject of Finance
- The Director General of Geological Survey and Mines Bureau

Board Meetings

The Board of Management meets monthly and holds additional meetings as and when the Board thinks appropriate.

Ten (10) Board meetings were held during FY2019. The Agenda and draft minutes for Board meetings are prepared by the Board Secretary with details of decisions reached, any concerns raised and dissenting views expressed and are circulated to all members for comments before each meeting with Board papers within three business days before the intended date of the Board of Management. At each regular Board meeting, Head of the divisions of the Bureau made presentations to the Board on various aspects, including the Bureau performances, financial performances etc.

The Board of Management of the Bureau plays an active role in participating the Bureau's meeting through contribution of their professional opinions and active participation in discussion.

FINANCIAL REPORTS

NOTES TO THE FINANCIAL STATEMENTS

1. SIGNIFICANT ACCOUNTING POLICIES

1.1 GENERAL POLICIES

1.1.1 Reporting entity

The Geological Survey and Mines Bureau (GSMB) is a statutory body established by Act No. 33 of 1992 under the Mines and Minerals Act. The principal place of business is situated at No. 569, Epitamulla Road, Pitakotte. GSMB is presently functioning with 16 Regional offices situated in Kandy, Matara, Kurunegala, Badulla, Ratnapura, Anuradhapura, Ampara, Monaragala, Hambantota, Trincomalee, Kalutara, Jaffna, Baticalo, Gampaha, Polonnaruwa Mannar, Vaunia, Mathale and Colombo.

1.1.2 Subsidiary and Sub-Subsidiaries

The Bureau has invested in 66% of the issued share capital of the Geological Survey and Mines Bureau Technical Services Private Limited (400,000 Shares) and It's registered office is located at No.190/A, Stanly Thilakeratne Mawatha, Nugegoda.

Principal activities of the GSMB Technical Services (Pvt) Ltd. is to carry out trading activities and project trading activities to control and regulate the prices of sand in the market. It is selling sand at a subsidized price as a government policy decision, mainly to support the construction sector and the company has set up locations for trading activities. Also the private company has undertaken technical support services as projects to its clients and services such as manpower and technical expert related work is provided to its clients which are not coming under the GSMB mandate.

The Chairman of the GSMB is also the Chairman of GSMB Technical Services (Pvt) Ltd. and no other Director(s) or employees of GSMB are appointed to the Board of the subsidiary company.

1.1.3 Preparation of Consolidated accounts

The accounting year of the subsidiary company is different from the accounting year of the Parent company i.e. GSMB and therefore action has been taken by the Subsidiary company to legally change the accounting period that will match the accounting year of GSMB so that consolidated accounts could be prepared and presented. As the auditors of both the Parent company, i.e. GSMB and the Subsidiary company, i.e. GSMB Technical Services (Pvt) Limited is the Auditor General's Department, consolidation of accounts will be prepared once Company Registrar and the Tax Department clearance is received to legally change the accounting period of the Subsidiary Company.

1.1.4 Date of Authorization for Issue

The Financial statements were authorized for issue by the Board on 24th February 2021.

1.1.5 Principal activities and nature of operations

To undertake systematic geological mapping of Sri Lanka and preparation of Geological Maps ,To identify and assess the mineral resources of Sri Lanka, To evaluate the commercial viability of mining for, processing and export of such Minerals, To regulate the exploration and mining for minerals and processing, trading in and Export of such minerals by the issue of licenses, To advise the Minister on measures to be adopted for the promotion of the extraction and production of minerals on a commercial basis, To disseminate in appropriate media, information and data acquired during the exercise of functions under the Act; To undertake projects in regard to engineering geology and provide advice and Remedial measures caused in respect of geological hazards and disaster.

1.1.6 Basis of Preparation

(a) Statement of Compliance

The financial statements comprise the statement of financial position, statement of comprehensive income, statement of changes in equity, cash flow statement and notes to the financial statements. These statements have been prepared in accordance with the Sri Lanka Public Sector Accounting Standards issued by the Institute of chartered Accountants of Sri Lanka.

(b) Basis of measurement

The financial statements have been prepared on historical cost basis except where appropriate disclosures are made with regard to fair value under relevant notes.

(c) Financial and presentation currency

These financial statements prepared in Sri Lanka Rupees which is the functional and presentation currency of the GSMB.

All financial information presented in Sri Lankan Rupees has been rounded to the nearest rupee, unless stated otherwise.

(d) Use of Estimates and Judgments

These preparation and presentation of financial statements in conformity with Public Sector Accounting Standards requires management to make judgments, estimates and assumptions that affect the application of accounting policies and reported amounts of assets, liabilities, income and estimates. Actual results may differ from these estimates and judgments used.

Estimates and underlying assumptions are reviewed on an on-going basis. Revisions to accounting estimate is revised if the revision affects only that period or in the period of the revision and future periods, if the revision affects both current and future periods.

Information about significant areas of estimates, uncertainty and critical judgments in applying accounting policies that have the most significant effect on the amounts recognized in the financial statements as included in the notes to the financial statements.

1.1.7 Presentation of Budget information in Financial Statements

The Budget that was originally approved by the Board of Directors for the year was amended due to necessities of reallocation within the budget and also in certain instances due to decisions taken to carryout activities of the Bureau.

1.2 ASSETS AND BASIS OF THEIR VALUATION

1.2.1 Property, Plant & Equipment

(a) Recognition and Measurement

Items of property, plant and equipment are stated at cost or at their fair value less accumulated depreciation or impairment losses.

The Battaramulla and Orugodawatta properties which were shown in the Balance Sheet have been adjusted during the accounting year on a Cabinet Decision.

Similarly Drilling and other consumable items which were previously shown under Plant and Machinery, Drilling Spares and Field Equipment was a classification error and reclassified under Current Assets “Drilling and other Consumable items” during the current financial year.

GSMB considers the minimum value of fixed assets as rupees 5,000, all items of property, plant and equipment are initially recorded at cost less accumulated depreciation or impairment losses. Significant components of an asset are identified and depreciated separately. When significant parts of property, plant and equipment are required to be replaced at intervals, the entity derecognizes the replaced part, and recognizes the new part with its own useful life and depreciation. All other repair and maintenance costs are recognized in the income statement as incurred.

(b) Cost

Cost of Property, plant and equipment comprises its purchase price and any directly attributable cost of bringing the asset to working condition for intended use.

Subsequent expenditure incurred for the purpose of acquiring, extending or improving assets of a permanent nature in order to carry on or increase the earning capacity of the assets have been treated as capital expenditure.

Expenditure incurred to replace a component of an item of property, plant and equipment that is accounted for separately, including major inspection and overhaul expenditure is capitalized only if it is probable that the future economic benefits embodied within the part will flow to the GSMB and its cost can be measured reliably.

(c) Restoration Costs

Expenditure incurred on repairs or maintenance of property, plant and equipment in order to restore or maintain the future economic benefits expected from originally assessed standard of performance, is recognized as an expense when incurred.

(d) Revaluation of certain selected class of assets

The Bureau decided to revalue selected certain class of fixed assets only and initially Field Equipment and Plant and Machinery were revalued by the Valuation Department Chief Valuer.

However we have written to the valuation department to send us a breakdown of the items valued and since only a summary has been forwarded to GSMB at the end of this accounting year, necessary entries with regard to assets revalued can be made in the books of accounts only after such details are received.

GSMB will adopt as a policy to revalue such assets every five years and will revalue Motor Vehicles and Communication Equipment during the course of the next financial year.

(e) Depreciation

Depreciation is charged to the statement of comprehensive income on the straight line method on the cost of all property, plant and equipment other than freehold land, in order to write-off cost of such assets over the following estimated useful lives.

Depreciation of an asset begins when it is available for use and ceases at the earlier of the date that the asset is classified as held for sale and the date that the asset is derecognized.

An item of property, plant and equipment is derecognized upon disposal or when no future economic benefits are expected from its use. Any gain or loss on de recognition of the assets is included in the statement of comprehensive income in the year the asset is derecognized.

The principal annual rates used are:-

Category of Assets	Useful life	Rate of Depreciation
Buildings	20 years	5%
Plant & Machinery	8 years	12.5%
Laboratory Equipment	5 years	20%
Motor Vehicles	5 years	20%
Furniture and Fittings	10 years	10%
Office Equipment	5 years	20%
Field Equipment	5 years	20%
Mapping Equipment	5 years	20%
Communication Equipment	8 years	12.5%
Library Books and Maps	20 years	5%

1.2.2 Work In Progress

Construction work at the Werellawatte site, laboratory building work at Pitakotte, regional office in Anuradhapura, regional office work in Rathnapura and regional office work in Polonnaruwa have not been fully completed. Therefore we have obtained a certificate confirming the percentage of completion and the value at each construction site from a qualified Civil Engineer Mr. K.A. Munasinghe, (Chartered Engineer) as at the end of the accounting year. The Initial construction works at Kurunegala and Ampara Buddangala Tsunami GFZ Station have been commenced in the year 2020.

1.2.3 Inventory

Inventories are stated at the lower of cost and net realizable value. Net realizable value is the estimated selling price in the ordinary course business less estimated costs of completion and selling expenses. The cost includes expenditure in acquiring the inventories and bringing them to the existing location and condition less impairment of obsolete and slow moving items. GSMB is using the first in first out method when issuing stocks.

It is also disclosed that last year certain Drilling and Consumable items were erroneously classified under “Consumable items”, and the classification error has now been corrected.

1.2.4 Impairment of Assets

The carrying amounts of the assets are reviewed at each reporting date to determine whether there is any indication of impairment. If any such indication exists, then the asset’s recoverable amount is estimated. An impairment loss is recognized if the carrying amount of an asset or cash generating unit exceeds its recoverable amount. An impairment loss is reversed if there has been a change in the estimates used to determine the recoverable amount.

1.2.5 Financial Assets

Financial assets and liabilities are offset and the net amount is presented in the statement of financial position when and only when, GSMB has a legal right to offset the amounts the amounts and intends either to settle on a net basis or to realize the asset and settle the liability simultaneously.

The Financial assets of GSMB include cash and short-term investments and trade and other receivables.

(a) Loans and receivables

Loans and receivables comprise trade receivables, employee loans, deposits, advances, other receivables and cash and cash equivalents.

GSMB continues to record and present employee loans at contracted amounts.

(b) Held to Maturity Investments (HTM)

Non-derivative financial assets with fixed or determinable payments and fixed maturities are classified as held-to- maturity when the GSMB has the positive intention and ability to hold them to maturity. Investments in government securities and in fixed deposits have been classified under HTM investments.

1.2.6 Impairment of Financial Assets

GSMB assesses at each reporting date whether there is any objective evidence that a financial asset or a group of financial assets is impaired and if such impairment has occurred, that amount of impairment is calculated by taking the difference between the asset's carrying amount and the present value of estimated future cash flows.

1.2.7 Cash and Cash equivalents

Cash and cash equivalents comprise cash in hand and deposits at bank.

1.3 LIABILITIES AND PROVISIONS

Liabilities classified as current liabilities on the statement of financial position are those which fall due for payment on demand or within one year from the reporting date. Non-current liabilities are those balances that fall due for payment after one year from reporting date.

All known liabilities have been accounted for in preparing these financial statements. Provisions and liabilities are recognized when the GSMB has a legal or constructive obligation as a result of a past event and it is probable that an outflow of economic benefits will be required to settle the obligation.

1.3.1 Provision for Bad and Doubtful Debts

Although the Bureau has limited in entering in to credit transactions, project work that is undertaken on a pre-signed agreement, certain amounts that is due to the GSMB on such contacts are long outstanding and provision has been made for such outstanding amounts using the following criteria.

Debtors Outstanding Amount	Outstanding for less than a year	Outstanding for more than a year and less than two years	Outstanding for more than two years and less than three years	Outstanding for more than three years and less than four years	Outstanding for more than five years
Provision Amount	No Provision	40% of the Debtors Value	50% of the Debtors Value	60% of the Debtors Value	100% Provision

1.3.2 Grants

1.3.2.1 Accounting for Grants

Grants that compensate the GSMB for expenses incurred are recognized as revenue in the statement of comprehensive income in the same period in which the expenses are recognized. Grants that compensate the GSMB for the cost of an asset are recognized in the statement of comprehensive income on a systematic basis over the useful life of the related asset.

1.3.3 Employee Benefits

(a) Provision for retiring gratuity

GSMB has adopted the benefit plan as required under the Payment of Gratuity Act No. 12 of 1983 for all eligible employees. The benefit plan is unfunded. Provision for gratuity is computed by GSMB taking into account the guidance of Public Sector Accounting Standard SLPSAS 19 Employee Benefits.

Defined benefit plans estimate the amount of benefit that an employee will receive on retirement, usually dependent on one or more factors such as age, years of service and compensation.

(b) Defined contribution plans

A defined contribution plan is a post-employment plan under which an entity pays fixed contribution into a separate entity and will have no legal or constructive obligation to pay a further amount. Obligations for contributions to defined contribution plans are recognized as an expense in the statement of comprehensive income as and when they are due.

(c) Employees' Provident Fund

GSMB and employees contribute 15% and 10% respectively on the salary of such employee to the Employee Provident Fund.

However GSMB has held discussions with the Department of Labour to maintain the correct ratio of employee contributions.

(d) Employees' Trust Fund

GSMB contributes 3% on the salary of each employee to the Employee's Trust Fund.

1.3.4 Trade and Other Payables

Trade and other payables are stated at cost.

1.3.5 Taxation

Provision for taxation has been made on the basis of profit for the year as adjusted for taxation purposes in accordance with the Inland Revenue Act No 10 of 2016 and the new Inland Revenue Act No 24 of 2017. The Bureau is liable for income tax on its total earnings effective from 01.04.2018 and taxes are computed at the rate of 24% for earnings after the effective date.

ESC is payable on the liable income. GSMB has paid all ESC liabilities. ESC is set off against income tax liability.

GSMB is liable to value added tax (VAT) and has complied the provisions of VAT act. VAT payable and/or recoverable amounts are reflected in the Statement of Financial Position

1.3.6 Deferred Taxation

As at the date of the balance sheet date the differed tax liability is Rs. 60,253,441.35

1.3.7 Foreign Currency Transaction

All foreign exchange transactions are converted to Sri Lanka Rupees, which is the reporting currency, at the rates of exchange prevailing at the time the transactions were affected.

1.3.8 Capital Commitments and Contingent Liabilities

Contingent liabilities are possible obligations whose existence will be confirmed only by uncertain future events or present obligations where the transfer of economic benefits is not probable or cannot be reliably measured. Capital commitments and contingent liabilities of the GSMB are disclosed as stated below.

1) The Department of Inland Revenue has issued assessments / notices for past years tax delays / defaults on VAT, but this matter has been appealed by GSMB. Since this is still under negotiation, we are not in apposition to assess the exact amount of liability.

2) GSMB had rented out premises for the Badulla regional office during the period 2010-2011 and a fire had taken place. The landlord is of the view that the fire took place due to negligence on the part of GSMB and has filed a case in the Badulla District courts under case number M 7523, claiming a sum of rupees 1,136,348 as compensation. However the Attorney General is of the view that GSMB is not liable for the damage caused to the building due to the fire and as the proceedings of this case is still under way, no provision has been made in the books of accounts.

1.4 STATEMENT OF COMPREHENSIVE INCOME

1.4.1 Revenue Recognition

Revenue is recognized to the extent that it is probable that the economic benefits will flow to GSMB and that it can be measured reliably. Revenue is measured at the fair value of the consideration received or receivable net of trade discounts and sales taxes. The following specific criteria are used for the purpose of recognition of revenue.

(a). Interest Income

Interest income is recognized on a time proportion basis that takes into accounts effective yield on the assets.

(b). Other Income

Other income is recognized on accrual basis.

Net gains and losses of a revenue nature on the disposal of property, plant & equipment and other non current assets have been accounted for in the income statement, having deducted from proceeds on disposal, the carrying amount of the assets and related selling expenses.

(c). Government Grants

Government grants related to development activities which can be treated in the nature of revenue and differed revenue are accounted under the income approach.

(d). Royalty Income

Port City Royalty is a book entry between the Ministry of MegaPolis and Western Development and the Ministry of Mahaweli Development and Environment and there have been no liquid cash transactions in this regard during the accounting year under review.

(e). Investment Income

Dividend income was not received from the subsidiary company so far as a dividend. However, this dividend income might be received during 2021.

1.4.2 Expenditure

Expenses are recognized in the income statement on the basis of a direct association between the cost incurred and the earning of specific items of income. All expenditure incurred in the running of the business and in maintaining the property, plant and equipment in a state of efficiency has been charged to income in arriving at the profit for the year.

1.5 CASH FLOW STATEMENT

Cash Flow statement has been prepared in accordance with SLPSAS 2.

Interest paid is classified as operating cash flow and interest received is classified as investing cash flow.

1.6 EVENTS AFTER THE REPORTING DATE

The materiality of events occurring after the reporting date is considered and appropriate adjustments wherever necessary are made in the accounts.

No circumstances have arisen since the reporting date which requires material adjustments or disclosure in the financial statements.

1.7 RELATED PARTY TRANSACTIONS

No Director(s) is interested in contracts and /or proposed contracts with the Bureau as at the reporting date. However the Chairman of GSMB is also the Chairman of the Subsidiary Company (GSMB Technical Services Pvt. Ltd). Senior Mining Engineer of GSMB is a Board Director of SLRDC; (i.e. a Public Institution).

1.7.1 Fair Value or Revaluation as Deemed Cost

Freehold property, plant and equipment are carried in the statement of financial position prepared in accordance with the SLPAS, using the cost modal. The GSMB has not elected to use the fair value as deemed cost.

1.7.2 Significant Accounting Judgment, Estimates and Assumptions

Standards issued and effective during the year have been adopted by the GSMB when presenting the Financial Statements.

STATEMENT OF FINANCIAL POSITION

GEOLOGICAL SURVER & MINES BUREAU

**GEOLOGICAL SURVEY AND MINES BUREAU
STATEMENT OF FINANCIAL POSITION AS AT 31 DECEMBER 2020**

	Note	2020 ACTUAL Rs.	2019 ACTUAL Rs.	2020 BUDGET Rs.
ASSETS				
Non Current Assets				
Property, Plant & Equipments	1	462,909,037.77	505,085,887.83	-
Working Progress	2	159,045,550.73	109,560,762.69	105,928,000.00
Total Non - Current Assets		621,954,588.50	614,646,650.52	105,928,000.00
Investment	3	4,000,000.00	4,000,000.00	4,000,000.00
Differed Tax Assets	4	51,370,579.86	56,288,829.24	0.00
Current Assets				
Inventory	5	32,115,617.45	33,314,238.45	37,785,000.00
Trade & Other Receivables	6	216,611,783.78	1,450,677,688.17	298,720,900.00
Fixed Deposits	7	3,119,309,526.23	1,951,654,429.53	1,842,389,472.00
Cash & Cash Equivalent	8	84,772,023.54	53,067,690.15	9,455,000.00
Total Current Assets		3,452,808,951.00	3,488,714,046.30	2,188,350,372.00
Total Assets		4,130,134,119.36	4,163,649,526.06	2,298,278,372.00
EQUITY & LIABILITIES				
Equity				
Capital Contributed By Treasury (Consolidated)	9	27,652,883.05	27,652,883.05	27,653,000.00
Capital Contributed By Treasury (Departmental)	10	1,746,725.68	1,746,725.68	1,747,000.00
Capital Contributed By Treasury (Capital)	11	68,916,655.00	68,916,655.00	68,917,000.00
Revaluation Reserves	12	305,782,596.11	305,782,596.11	305,800,000.00
Retained earnings	13	2,208,333,238.05	2,638,577,845.96	1,975,274,772.00
Total Equity		2,612,432,097.89	3,042,676,705.80	2,379,391,772.00
Remittance Received (Overceries)	14	4,135,177.57	7,411,670.41	7,412,000.00
Distress & Employee Benefit Account	15	35,750,158.73	32,317,940.17	32,500,000.00
Non Current Liabilities				
Provision on Gratuity	16	197,213,230.00	159,753,034.00	185,800,000.00
Lease Payble Long Term (vehicle)	17	25,457,825.58	33,598,296.07	32,105,320.75
Differed Tax Liability		60,253,441.35	76,398,943.90	0.00
Current Liabilities				
Creditors and Payables	18	581,786,072.00	291,572,233.79	273,259,679.25
Other Payables	19	613,106,116.24	519,920,701.92	576,645,500.00
		1,194,892,188.24	811,492,935.71	849,905,179.25
Total Equity & Liabilities		4,130,134,119.36	4,163,649,526.06	3,487,114,272.00

**STATEMENT OF FINANCIAL
PERFORMANCE**

GEOLOGICAL SURVER & MINES BUREAU

GEOLOGICAL SURVEY AND MINES BUREAU
STATEMENT OF FINANCIAL PERFORMANCE
FOR THE YEAR ENDED 31ST DECEMBER 2020

	Note	2020 ACTUAL Rs.	2019 ACTUAL Rs.	2020 BUDGET Rs.
Income	20	2,025,438,786.66	2,476,349,148.61	1,682,756,000.00
Other Income	21	77,637,587.48	92,919,595.76	87,978,250.00
Total Non - Current / Operating Expenses	22	(650,901,098.79)	(1,960,220,410.39)	(1,022,973,117.00)
Administration Expenses	23	(517,266,954.78)	(592,145,945.15)	(637,880,093.00)
Operating Profit		934,908,320.57	16,902,388.83	109,881,040.00
Finance Cost	24	(5,525,422.37)	(5,032,021.49)	(1,644,500.00)
Net Finance Income	25	143,082,793.80	228,233,719.36	155,382,500.00
Profit Before Tax		1,072,465,692.00	240,104,086.70	263,619,040.00
Income Tax Expenses	26	298,780,511.83	81,837,768.73	82,156,110.00
Profit for the Year		773,685,180.17	158,266,317.97	181,462,930.00

**NOTES TO THE FINANCIAL
STATEMENTS**

GEOLOGICAL SURVER & MINES BUREAU

Note 01

Property, Plant & Equipments

	Balance as at 01.01.2020 Rs.	Additions during the Year Rs	Adjusment Rs	Balance as at 31.12.2020 Rs.
At Cost				
Land Fencing	639,713.50	1,242,500.00		1,882,213.50
Building	26,395,538.31	18,951,671.28		45,347,209.59
Buildnig Partioning	35,994,815.69	10,337,876.70		46,332,692.39
Plant & Machinery	47,593,046.15	4,670,270.00		52,263,316.15
Motor Vehicles	340,065,299.00			340,065,299.00
Mapping Equipment	9,103,384.44			9,103,384.44
Drilling Spares	128,002,731.27	3,073,377.37		131,076,108.64
Lab Equipment	226,108,463.39	4,654,260.00		230,762,723.39
Field Equipment	12,967,776.45	134,356.00		13,102,132.45
Office Equipment	187,680,306.59	11,315,011.60	(85,459,936.03)	113,535,382.16
Communication Equipmnet	14,650,874.52	890,490.00		15,541,364.52
Furniture & Fittings	42,102,907.60	3,546,351.00	(325,422.06)	45,323,836.54
Maps	475,824.75			475,824.75
Library Books	29,706,866.47	818,406.39		30,525,272.86
Museum Items	1,337,055.87			1,337,055.87
Software & Accessories	10,504,638.00			10,504,638.00
Co-repositary at yakkala Werallawattha	27,207,663.15			27,207,663.15
Building at Gampaha Regional Office	19,251,356.42			19,251,356.42
Computer & Aecessories	0.00	1,694,100.00	85,444,336.03	87,138,436.03
Land - GSMB	28,000,000.00			28,000,000.00
Kandy Regional Office	1,745,685.00			1,745,685.00
Rathnapura Regional Office	13,687,290.79			13,687,290.79
GFZ Station Mahakanadarawa	2,670,527.14			2,670,527.14
GFZ Station Hakmana	2,794,651.26			2,794,651.26
	1,208,686,415.76	61,328,670.34	(341,022.06)	1,269,674,064.04

Depreciation	Balance as at 01.01.2020 Rs.	Charge for the year Year Rs	Adjusment Rs	Balance as at 31.12.2020 Rs.
Land Fencing	639,711.50	237,143.78		876,855.28
Building	12,941,457.27	1,401,990.00		14,343,447.27
Building Partioning	19,159,104.37	5,346,283.32		24,505,387.69
Plant & Machinery	3,771,380.66	6,513,680.97		10,285,061.63
Motor Vehicles	238,203,767.26	27,668,155.76		265,871,923.02
Mapping Equipment	8,939,914.68	163,401.92		9,103,316.60
Drilling Spares	7,243,223.11	16,115,005.86		23,358,228.98
Lab Equipment	191,708,458.51	15,848,626.05		207,557,084.56
Field Equipment	4,561,026.98	1,861,854.88		6,422,881.86
Office Equipment	123,448,331.81	16,460,871.56	(52,241,606.71)	87,667,596.66
Communication Equipment	6,299,668.93	1,580,764.89		7,880,433.82
Furniture & Fittings	15,618,347.22	3,888,867.89	(325,422.06)	19,181,793.05
Maps	336,171.95	23,791.20		359,963.15
Library Books	16,495,974.26	1,172,873.94		17,668,848.20
Software & Accessories	10,387,133.16	35,464.54		10,422,597.70
Co-repositary at yakkala Werallawattha	27,100,482.72	8,088.96		27,108,571.68
Building at Gampaha Regional Office	16,746,373.34	962,567.76		17,708,941.10
Computer & Aecessories		4,216,087.31	52,226,006.71	56,442,094.02
	703,600,527.73	103,505,520.59	(341,022.06)	806,765,026.27
Net Book Value	505,085,888.03			462,909,037.77

Note 02**Working Progress**

	2020 ACTUAL Rs.	2019 ACTUAL Rs.	2020 BUDGET Rs.
Proposed Stores Complex at Werrellawatta	17,583,072.53	16,394,284.99	-
Proposed Building at Yakkala Regional Office	2,807,165.00	1,889,165.00	-
Proposed GPR/ERP System	503,540.00	503,540.00	75,500,000.00
Proposed Building For Laboratory at Pitakotte	130,011,350.98	72,773,592.12	7,275,000.00
Proposed Building -Regional Office Anuradhapura	-	9,787,712.86	15,000,000.00
Proposed Building -Regional Office Rathnapura	3,976,250.40	3,976,250.40	3,977,000.00
Proposed Regional Office -Polonnaruwa	2,563,888.88	2,431,754.38	2,432,000.00
Proposed Building Ampara	366,000.00	366,000.00	366,000.00
Proposed Building Kurunegala	182,510.00	0.00	-
Proposed GFZ Station Budhdhangala Ampara	1,051,772.94	1,438,462.94	1,378,000.00
Working Progress	159,045,550.73	109,560,762.69	105,928,000.00

Note 03**Investments**

Investment	4,000,000.00	4,000,000.00	4,000,000.00
	4,000,000.00	4,000,000.00	4,000,000.00

Note 04**Differed Tax**

	Deffered Asset	Deffered Liabilities
Opening Balance As At 01-01-2020	56,288,829.24	76,398,943.90
Adjusment	4,918,249.38	16,145,502.55
Closing Balance As At 31-12-2020	51,370,579.86	60,253,441.35

Note 05**Inventory**

	2020 ACTUAL Rs.	2019 ACTUAL Rs.	2020 BUDGET Rs.
Stationary	4,010,110.07	4,791,550.06	5,000,000.00
Consumabale Item	10,481,747.42	12,412,023.64	12,500,000.00
Book Licence	2,428,865.00	585,838.40	4,700,000.00
Library Books	635,303.24	635,303.24	650,000.00
Maps	30,224.06	33,224.06	35,000.00
Drilling & Other Consumable Items	14,529,367.66	14,856,299.05	14,900,000.00
Inventory	32,115,617.45	33,314,238.45	37,785,000.00

Note 6

Trade & Other Receivables

Rent Advance- Building	5,682,041.71	4,386,760.43	6,500,000.00
Advance & Loan (Advance 'B)	208,775.26	208,775.26	209,000.00
Building Deposit	366,000.00	366,000.00	366,000.00
Advance Paid For Local Purchases	28,421,027.14	24,064,053.15	25,000,000.00
Advance Paid for Field Officers	3,555,312.88	4,139,112.88	4,000,000.00
Special Advance	45,400.00	5,400.00	5,400.00
Festival Advance	450,900.00	46,950.00	46,000.00
Advance Paid for Other Employees	2,584,588.26	4,461,731.70	3,750,000.00
Advance Paid For Foreign Journals	46,076.00	46,076.00	35,000.00
Debtors - Project	7,142,124.35	15,200,157.75	7,500,000.00
Debtors - Chemical Analysis	149,917.50	149,917.50	150,000.00
Debtors - Return Cheques	2,049,158.31	1,974,857.23	2,750,000.00
Sundry Debtors	28,010,036.16	33,366,495.87	30,500,000.00
G.S.T. Recoverable	973,143.00	973,143.00	975,000.00
Debtors - Insurance Claim	73,340.34	517,748.45	400,000.00
Disposal of Assets	0.00	(0.00)	
Debtors - H & S Insurance Claim	593,757.35	392,432.35	400,000.00
Debtors - Debit Notes	90,796.80	90,796.80	91,000.00
Transfer of Funds	0.00	(0.00)	
S Vat Customers	24,573,239.89	9,280,383.07	22,500,000.00
W.H.T. Receivable from Bank	0.00	(0.00)	
E.S.C. Receivable	0.00	22,474,354.00	22,500,000.00
With Holding Tax on Royalty (Minus)	0.00	33,307,741.94	37,500,000.00
Staff Loan (Distress) Comb.	72,767,054.43	57,257,475.16	72,500,000.00
Tsunami Loan	0.00	33,082.76	
Deposit for Water	8,500.00	8,500.00	8,500.00
Deposite for Fuel	348,000.00	348,000.00	348,000.00
Deposits Sundry	87,500.00	86,500.00	86,500.00
Deposit For Regional Office Buildings	840,000.00	840,000.00	840,000.00
Interest Receivable on F/D B.O.C.	11,968,710.08	17,757,911.69	17,500,000.00
Interest Receivable on F/D Sampath Bank	0.00	0.00	
Interest Receivable on F/D Peoples Bank	2,670,589.29	4,108,268.80	4,200,000.00
Receivable Interest on Treasury Bills	2,136,931.09	3,185,955.37	3,200,000.00
Int.Receivable PPLS Bank Galle Road	12,614,424.62	13,227,578.73	13,250,000.00
Interest Receivable on GSMB Distess Fund	0.00	15,467.13	15,500.00
Prepayments for sundry expences	8,154,439.32	1,198,356,061.16	7,750,000.00
Interest Receiable on GSMB		-	13,845,000.00
	216,611,783.78	1,450,677,688.17	298,720,900.00

Note 7

Fixed Deposits

Fixed Deposit Bank of Ceylon	852,163,556.17	808,659,513.90	900,000,000.00
Treasury Bills	350,552,740.04	327,385,616.58	354,900,000.00
Fixed Deposit Peoples Bank Galle Road Dehiwela	1,401,203,327.30	373,633,309.07	110,597,472.00
State Institutions temporary surplus Trust	0.00	8,440,912.87	-
Fixed Deposit Peoples BNK on Gratuity Provision	241,593,123.43	173,091,764.20	190,092,000.00
Fixed Deposit Peoples Bank Galle Rd.-For GSN Account	9,982,898.68	9,280,054.66	10,050,000.00
FD-GSMB Distress Fund- PPLs Bank Pitakotte	30,182,746.68	34,726,689.71	37,500,000.00
Fixed Deposit -Nomal -PPLS Bank Pitakotte	233,631,133.93	216,436,568.54	239,250,000.00
Fixed Deposits	3,119,309,526.23	1,951,654,429.53	1,842,389,472.00

Note 8 Cash & Cash Equivalents	2020 ACTUAL Rs.	2019 ACTUAL Rs.	2020 Budget Rs.
Commercial Bank Current A/C	2,550,919.81	697,611.00	700,000.00
Bank Of Ceylon Current A/C	5,412,776.62	5,865,170.32	500,000.00
Sampath Bank Current A/C	13,252,315.58	2,765,051.70	250,000.00
Peoples Bank Wellawatte Current A/C	25,000.00	25,000.00	25,000.00
Peoples Bank Matara Current A/C	1,108,447.50	151,905.00	150,000.00
Sampath Bank G.S.N. Station Cu.A/C	2,592,346.03	2,069,455.86	150,000.00
Peoples Bank Galle Rd.Dehiwela. Current A/C	3,583,604.35	1,650,800.34	4,500,000.00
Peoples Bank - Pitakotte	8,450,892.91	2,698,418.61	350,000.00
GSMB Savings Ac-337-2-001-7-6137984 Peoples Bank Galle Rd.	47,727,720.74	31,385,458.64	2,500,000.00
Stamp Imprest - Admin.	68,000.00	54,095.00	330,000.00
Suspence Account	0.00	5,704,683.68	0.00
Petty Cash Imprest - Wijitha	0.00	40.00	0.00
Petty Cash Imprest - Kandy	0.00	0.00	0.00
Petty Cash Imprest - Matara	0.00	0.00	0.00
Petty Cash Imprest - Kurunegala	0.00	0.00	0.00
Petty Cash Imprest - Anuradhapura	0.00	0.00	0.00
Petty Cash Imprest - Badulla	0.00	0.00	0.00
Petty Cash Imprest - Polonnaruwa	0.00	0.00	0.00
Petty Cash Imprest - Rathnapura	0.00	0.00	0.00
Petty Cash Imprest - Ampara	0.00	0.00	0.00
Petty Cash Imprest - Monaragala	0.00	0.00	0.00
Petty Cash Imprest - Hambanthota	0.00	0.00	0.00
Petty Cash Imprest - Jaffna	0.00	0.00	0.00
Petty Cash Imprest - Trincomalee	0.00	0.00	0.00
Petty Cash Imprest - Batticolo	0.00	0.00	0.00
Petty Cash Imprest - Kaluthara	0.00	0.00	0.00
Petty Cash Imprest - Gampaha	0.00	0.00	0.00
Petty Cash Imprest - Hasalaka	0.00	0.00	0.00
Petty Cash Imprest - Colombo	0.00	0.00	0.00
Petty Cash Imprest - Vavuniya	0.00	0.00	0.00
Petty Cash Imprest -Mathale	0.00	0.00	0.00
	84,772,023.54	53,067,690.15	9,455,000.00

Note 09 Capital Contributed By Treasury (Consolidated)	2020 ACTUAL Rs.	2019 ACTUAL Rs.	2020 Budget Rs.
This represent the total net value of Assets transferred from Geological Dept (GSD) to GSMB in 1993			
Capital Contributed By Treasury (Consolidated)	27,652,883.05	27,652,883.05	27,653,000.00

Note 10 Capital Contributed By Treasury (Departmental)	2020 ACTUAL Rs.	2019 ACTUAL Rs.	2020 Budget Rs.
GSMB had to use funds allocated for GSD at the initial stage This represen such funds use by GSMB This represent such funds use by GSMB			
Capital Contributed By Treasury (Departmental)	1,746,725.68	1,746,725.68	1,747,000.00

Note 11 Capital Contributed By Treasury (Capital)	2020 ACTUAL Rs.	2019 ACTUAL Rs.	2020 Budget Rs.
This represent the capital grants received by the GSMB from 1993 to 2001			
Capital Contributed By Treasury (Capital)	68,916,655.00	68,916,655.00	68,917,000.00

Note 12 Revaluation Reserve	2020 ACTUAL Rs.	2019 ACTUAL Rs.	2020 Budget Rs.
Revaluation Reserve	305,782,596.11	305,782,596.11	305,800,000.00

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Note 13

Retained Earning	2020	2019	2020
	ACTUAL Rs.	ACTUAL Rs.	Budget Rs.
Retained Earnings	6,984,728,974.57	8,021,793,940.59	7,335,311,842.00
Add. Income Over Expenditure	773,685,180.17	158,266,317.97	181,462,930.00
Less. Grant given to Trea	(5,550,080,916.69)	(5,541,482,412.60)	(5,541,500,000.00)
	<u>2,208,333,238.05</u>	<u>2,638,577,845.96</u>	<u>1,975,274,772.00</u>
Note 13 A	2020	2019	2020 - Bud
Treasuary Transferred up to 01-01-2020	5,541,482,412.60	5,541,482,412.60	5,541,500,000.00
Treasuary Payment (State Institutions temporary Surplus Trust)	8,598,504.09	-	-
Balance As At 31-12-2020	<u>5,550,080,916.69</u>	<u>5,541,482,412.60</u>	<u>5,541,500,000.00</u>

Note 14

Remittance Received (overseas) (Foreign grants)

GSMB received AUSAID from the GOVT Of Australia to purchase Computers in the year 2001 and below grants received from United States of America and International Atomic Energy Agency in Vienna during the year. This represent the value of such grants.

	2020 ACTUAL Rs.	2019 ACTUAL Rs.	2020 Budget Rs.
Remittance Received (overseas) (Foreign grants)	4,135,177.57	7,411,670.41	7,412,000.00

Item
DC Power Monitor / CISCO 890 Router
XRF Spectrometer
Mobile Radiation System

Donated by
United States Of America
International Atomic Energy Agency (IAEA) in Vienna
International Atomic Energy Agency (IAEA) in Vienna

Note 15

Distress & Employee Benefit Account

This is funded by welfare Activities and the amount recovered from incentive payment to staff.

	2020 ACTUAL Rs.	2019 ACTUAL Rs.	2020 Budget Rs.
Distress & Employee Benefit Account	35,750,158.73	32,317,940.17	32,500,000.00

Note 16

Gratuity

Provision has been made for retiring gratuity Payable under gratuity Act No. 12 of 1983. The liability to an employee arises only on completion of 5 years of continued service.

	2020 ACTUAL Rs.	2019 ACTUAL Rs.	2020 Budget Rs.
Gratuity Provisision (Long Term Liability)	197,213,230.00	159,753,034.00	185,800,000.00
	<u>197,213,230.00</u>	<u>137,248,877.00</u>	<u>185,800,000.00</u>

Note 17

Lease Payable - Vehicle

	2020 ACTUAL Rs.	2019 ACTUAL Rs.
Lease Payble Long Term (Vehicle)	34,646,850.00	48,236,202.00
Interest Suspence on Leasing (Vehicle)	(9,189,024.42)	(14,637,905.93)
	<u>25,457,825.58</u>	<u>33,598,296.07</u>

Note 18	2020	2019	2020
Creditors and Payables	ACTUAL	ACTUAL	Budget
	Rs.	Rs.	Rs.
Staff Salary Payble	0.00	36,449.40	-
Mobitel Pvt. Ltd	(378,065.67)	(6,083.85)	250,000.00
Mobitel Pvt. Ltd	(2,899,458.92)	(1,731,149.43)	250,000.00
Palga Cell		(19,405.90)	45,000.00
Unpresented Cheques	1,801,354.80	1,826,804.92	750,000.00
Sundry creditors	1,000.00	1,000.00	1,000.00
Advace B Liability	5,900.00	0.00	0.00
Sri Lanka Nidahas Sevaka Sangamaya	(100.00)	0.00	0.00
Banks	(3,600.00)	0.00	0.00
creditors on purchasing	18,805,498.11	9,265,269.90	4,250,000.00
Gratuity Payable (Over 55 Years Age)	41,108,160.00	40,746,881.00	40,747,000.00
E.P.F. Payble	8,438,567.00	8,030,821.93	6,250,000.00
E.T.F. Payble	1,012,630.12	1,095,113.69	1,050,000.00
Inland Revenus - Sramp Duty	6,556,946.44	7,723,916.28	1,900,000.00
Payee Tax Payble	0.00	58,360.00	65,000.00
Welfare Society	(825.00)	0.00	
V.A.T. Payble	22,233,201.37	19,629,336.63	8,500,000.00
E.S.Charges Payble	0.00	2,895,745.00	
N.B.T. Payble	3,306,253.30	4,911,446.04	
Income Tax Payble	244,216,536.65	499,613.42	42,500,000.00
Stamp Duty on TPL / HWTPL	0.00	4,545.00	
S.V.A.T. Payble	24,572,474.59	9,279,617.77	18,300,000.00
With Holding Tax Payble	0.00	525,284.36	
Accrued Exp.on Electricity	787,960.35	823,262.00	1,750,000.00
Accrued Exp. On Telephone	3,005,174.21	2,860,511.96	775,000.00
Accrued Exp on Cleaning	1,098,221.02	959,350.00	110,000.00
Acrued Exp. On Security	10,419,490.62	6,499,407.12	3,045,000.00
Accrued exp on Building rent	1,223,897.84	464,346.49	1,550,000.00
Accrued Exp. On Water	35,190.32	55,846.50	325,000.00
Accrued Exp. On Audit Fee	2,400,000.00	1,800,000.00	900,000.00
Accrued Exp on Incentive	130,770,009.39	127,465,535.36	120,000,000.00
Accrued Sundry Expenses	41,881,364.09	26,798,689.56	6,750,000.00
Accrued Over Time Expenses	1,950,039.73	525,977.29	-
Accrued Allowance - Uniform	544,653.00	102,579.00	-
Provisison For Bad Debts	5,097,526.82	5,097,526.82	3,800,000.00
Welfare Loan Recoveries	14,300.00	0.00	-
Lease Payble Short Term (Vehicle)	13,781,771.82	13,974,191.82	9,396,679.25
Total	581,786,072.00	292,200,790.08	273,259,679.25

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Note. 19

Other Paybles	2020 ACTUAL Rs.	2019 ACTUAL Rs.	2020 Budget Rs.
Advance Received On Project	219,631.44	3,745,097.59	4,500,000.00
Advance Received on Chemical Analysis	626,240.01	39,500.01	150,000.00
Advance Received On Expot Of Sample	35,500.00	0	-
Advance on I.E.E.R	137,685.00	137,685.00	140,000.00
Advance On G.S.N Station 17A	13,221,718.52	11,578,894.86	2,500,000.00
Advance received on Petrological Lab	81,000.00	34,500.00	225,000.00
Advance Received on Exploration Licence	25,780,429.83	20,431,329.83	23,500,000.00
Advance Received on IML . A.	32,513,485.10	26,274,185.10	26,750,000.00
Advance Received On I.M.L. - B	36,260,416.05	34,992,570.65	35,600,000.00
Advance Received on I.M.L. - C	25,193,325.27	12,947,114.19	19,000,000.00
Advance Received on I.M.L. - D	3,271,274.05	1,192,208.09	2,675,000.00
Advance Received on A.M.L. - A	22,490,487.78	14,030,888.03	23,250,000.00
Advance Received on A.M.L. - B	9,502,012.20	8,344,448.62	9,200,000.00
Advance Received on T.D.L. - A	383,275.50	268,525.50	372,500.00
Advance Received b on T.D.L. - B	16,774,707.98	10,961,307.98	17,000,000.00
Advance Received on T. D. L. - C	13,916.61	13,916.61	15,500.00
Advance Received on T.P. L.	0.00	115,867.78	125,000.00
Excess Money On Mining Licence	145,364.04	79,624.80	75,000.00
Advance Received on Royalty	249,262,121.86	218,445,107.28	236,055,000.00
Bank Gurantee Received from Banks	176,942,025.00	156,275,430.00	175,500,000.00
Excess BG Amount After Rrehabilaition From Mines Safty Unit	200,000.00	0.00	-
Refundable Deposit	45,500.00	6,500.00	6,500.00
Advance Received for Mining Detail Board	6,000.00	6,000.00	6,000.00
Total	613,106,116.24	519,920,701.92	576,645,500.00

**Note 20
Income**

	2020 ACTUAL Rs.	2019 ACTUAL Rs.	2020 BUDGET Rs.
Royalty 20A	1,602,100,171.11	1,997,470,800.40	1,312,399,500.00
Licence Fee 20B	143,410,065.50	194,053,244.95	80,892,500.00
Inspection (Mineral Exploration) 20C	252,160,481.08	261,371,679.57	209,464,000.00
Lab 20D	3,669,917.50	5,303,315.00	5,000,000.00
Project 20E	24,098,151.47	18,150,108.69	75,000,000.00
	2,025,438,786.66	2,476,349,148.61	1,682,756,000.00

20A

Royalty

Royalty - Building material	973,560,780.92	1,203,823,399.48	
Royalty - Industrial Minerals	439,207,272.44	662,264,168.72	
Previous - Building Material	114,642,541.44	89,828,267.24	1,312,399,500.00
Previous - Industrial Mineral	48,087,286.11	6,204,012.20	
Penalty - Building Materila	24,264,195.29	32,949,818.96	
Penalty - Industrial Mineral	2,338,094.91	2,401,133.80	
	1,602,100,171.11	1,997,470,800.40	1,312,399,500.00

20B**Licence Fee**

Exploration License	3,043,000.00	12,494,000.00	4,670,000.00
Industrial Mining License A	15,000,000.00	20,730,000.00	13,700,000.00
Industrial Mining License B	6,200,000.00	14,270,000.00	4,440,000.00
Industrial Mining Licence - C	18,889,765.40	7,082,000.00	13,950,000.00
Industrial Mining Licence - D	2,583,926.50	395,000.00	1,875,000.00
Artisanal Mining Licence - A	7,507,550.00	4,089,000.00	5,615,000.00
Artisanal Mining Licence - B	3,872,900.00	3,003,000.00	3,344,000.00
Trading Licence - A	7,500.00	82,500.00	37,500.00
Trading Licence - B	16,465,000.00	19,400,000.00	10,310,000.00
Trading Licence - C	0.00	3,000.00	10,000.00
Transport Licence	39,311,713.60	61,497,360.00	12,500,000.00
Hardware Transport Licence	27,662,130.00	47,672,384.95	7,521,000.00
Exports License	2,866,580.00	3,335,000.00	2,920,000.00
	143,410,065.50	194,053,244.95	80,892,500.00

20C**Inspection**

Inspection	235,786,792.91	231,191,135.54	
Special Inspection - IML A	1,290,000.00	1,260,000.00	
Special Inspection - IML B	596,000.00	6,386,868.00	
Special Inspection - IML C	9,629,500.00	3,701,168.19	209,464,000.00
Special Inspection - IML D	581,000.00	20,000.00	
Special Inspection - AML A	183,420.00	921,905.46	
Special Inspection - AML B	23,500.00	101,133.08	
Major site special Inspection	4,070,268.17	17,789,469.30	
	252,160,481.08	261,371,679.57	209,464,000.00

20D**Lab**

Analytical	2,175,200.00	3,395,115.00	3,000,000.00
Petrology	1,494,717.50	1,908,200.00	2,000,000.00
	3,669,917.50	5,303,315.00	5,000,000.00

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20E	2020	2019	2020
Project Details	ACTUAL	ACTUAL	BUDGET
	Rs.	Rs.	Rs.
Project Income Poonarin Tokyo Cement -2016		1,498,000.00	
Project Income -Geo.Tech.Drill.NilWala - Matara-2018-Jagath GunaThilaka		3,734,863.66	
Project Income -Geo Tech Drill Deniyaya New Hosp.2019		2,130,451.82	
Project Income Limes Stone sur-Poonarin Tokyo Ce -2019		822,748.30	
Project Income -Vein Quartz Kandy-South Asia & Marble Gea.2019		392,003.13	
Project IncomeMin.Sand explo Dorris Lanka-2019		3,144,374.34	
Project Income Mitigation Measures NARA -2019		712,978.54	
Project Income Ball Clay survey KalutataLanka Ceramic2019-	177,833.33	163,671.00	
Proj.Income Drill Bowathenna Tunnel 12- 2019	2,751,460.00	1,297,312.50	
Project Income -Viravil Poonaweli- Tokyo Cement 2019	-	550,001.70	
Project Income -Nawalapitiya Match Hit -2019	3,657,407.41	3,703,703.70	
Proj.Income Sigiriya - CCF 2020	-	-	75,000,000.00
Proj.Income Geo Tech Drill Dodangas Landa LOLC 2020	3,840,109.99	-	
Proj.Income Min.Sand Explo..EL-388 Batticolo Doris Lanka 2020	1,015,950.00	-	
Proj.Income Graphite Explo..EL-401 Vetrival Group Lanka 2020	1,920,000.00	-	
Proj.Income Min.Sand Explo..EL-387 Mulathiv Stage ! Doris Lanka 2020	834,437.50	-	
Proj.Income Min.Sand Explo..EL-390 Padirippu Doris Lanka 2020	1,852,500.00	-	
Proj.Income Min.Sand Explo..EL-389 Trinco Sampoor Doris Lanka 2020	1,094,762.50	-	
Proj.Income Graphite Explo..EL-400 Vetrival Group Lanka 2020	1,120,000.00	-	
Proj.Income Min.Sand ExploEL-393 Kilinochchi - Poonarien-Vetrival Group 2020	1,333,312.96	-	
Proj.Income Min.Sand ExploEL-394 Mulathivu District -Vetrival Group 2020	2,582,064.82	-	
Proj.Income Min.Sand Explo..EL-395 Iluppaikkadavai-Vellankulam(Mannar) Vetrival Group 2020	1,918,312.96	-	
	24,098,151.47	18,150,108.69	75,000,000.00

Note 21

Other Income

	2020	2019	2020
	ACTUAL	ACTUAL	BUDGET
	Rs.	Rs.	Rs.
Mining Division Other Income - 21 A	48,721,281.91	83,038,554.67	48,597,750.00
Geology Division Other Income - 21B	3,433,783.77	3,630,780.63	4,472,500.00
Mecelaneous income (Admin Other Income) - 21 C	25,482,521.80	6,250,260.46	34,908,000.00
Total	77,637,587.48	92,919,595.76	87,978,250.00

21A**Mining Division Other Income**

Office Charges on Refund Licence	47,150.00	150,623.50	55,000.00
Test Blast	10,630,958.00	5,316,000.00	8,830,000.00
Sale of Posters	1,000.00	0.00	0.00
Transfer Fee _Mining	11,000.00	0.00	20,000.00
Mining Income - Sundry	1,025,187.87	654,946.14	1,000,000.00
Penalty on not prev. Licence	18,825,072.57	45,129,342.59	25,000,000.00
Letter for Exports of sample	12,660.00	71,500.00	16,750.00
Office Charges on Refund Bank Gurantee	66,250.00	1,147,400.00	115,000.00
Photocopy Charges (Collection)	1,752.00	8,164.94	1,000.00
Traning Course Fee	0.00	8,000.00	
Monitoring Charges on Exploration	2,820,000.00	900,000.00	2,370,000.00
Communication Fee on Exploration Licence	190,000.00	205,000.00	180,000.00
Service Charges on TPL - SLLRDC	1,026,963.70	2,150,556.80	535,000.00
Income From DS Office	10,378,287.77	24,864,019.92	10,000,000.00
Mine Site Monitoring	0.00	98,000.78	
Mining Licence Detail Board	120,000.00	2,335,000.00	175,000.00
Mine Safty Work Shop Income	365,000.00	0.00	300,000.00
Service Provided for R.D.A. Projects	3,200,000.00	0.00	
	48,721,281.91	83,038,554.67	48,597,750.00

21B**Geology Division Other Income**

Field Supervision - Consultancy	1,507,527.77	1,736,597.63	3,000,000.00
Export of Sample Letters	821,266.40	1,001,350.00	1,000,000.00
Equipment Hiaring Income	0.00	0.00	-
M.I.Unit Income -Geology	0.00	0.00	-
Inspection Chgs.on Export of Sample -Geology	64,839.60	130,900.00	50,000.00
Sundry Income Geology	16,620.00	8,500.00	10,000.00
Registration Fee for Providing Technical Reports To GSMB	925,000.00	255,000.00	300,000.00
Statues & Granite Tiles Export - Inspection Geology	1,500.00	0.00	2,500.00
Out Side Transportation Income - Gelogy	0.00	0.00	-
Short Field Transportation Income - Geology	0.00	0.00	-
Issuing Out Side Field Report Income - Geology	10,320.00	0.00	15,000.00
Issuing Short Field Report Income - Geology	0.00	0.00	-
Issuing Digital Data Report Income - Geology	0.00	0.00	-
Issuing Seismic Report Income - Geology	0.00	0.00	-
Sale of Publications - Library	24,500.00	111,133.00	30,000.00
Sale of Maps	42,000.00	387,300.00	30,000.00
Sale of Mineral Boxes	20,210.00	0.00	35,000.00
	3,433,783.77	3,630,780.63	4,472,500.00

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21C	2020	2019	2020
Mecelaneous income (Admin Other	ACTUAL	ACTUAL	BUDGET
Income)	Rs.	Rs.	Rs.
Supplier Registration	888,500.00	810,000.00	745,000.00
Sundry Income	104,385.57	19,196.16	110,000.00
Dividents Income	0.00	2,236,000.00	2,236,000.00
Profit on Disposal Assets	0.00	(19,104,344.40)	0.00
Differed Income	3,276,492.84	3,276,492.84	3,750,000.00
Income From Legal Action	0.00	0.00	3,000,000.00
Interest Income on FD - Gratuity Fund	18,501,359.23	16,918,624.27	20,317,000.00
Interest on FD GSMB Distress Fund	577,932.71	0.00	2,750,000.00
Interest on Staff Distress Loan Comb.	2,133,851.45	2,094,291.59	2,000,000.00
	25,482,521.80	6,250,260.46	34,908,000.00

Note 22	2020	2019	2020
Operating Expenses	ACTUAL	ACTUAL	BUDGET
	Rs.	Rs.	Rs.
Geology 22.A	118,650,174.84	113,298,516.24	85,442,167.00
Mapping 22.B	16,665,098.09	21,887,651.14	68,200,400.00
Project 22.C	16,745,425.99	19,951,789.89	31,000,000.00
Regional 22.D	414,104,556.97	391,223,848.62	439,954,050.00
Mining 22.E	84,735,842.90	93,858,604.50	88,376,500.00
Payment to Treasury	0.00	1,320,000,000.00	310,000,000.00
	650,901,098.79	1,960,220,410.39	1,022,973,117.00

Note 22A - Geology

ACCOUNT TYPE	GEOLOGICAL RS	TSUNAMI RS	LIBRARY RS	LABORATORY RS	2020		2019		2020	
					TOTAL RS	TOTAL RS	TOTAL RS	BUDGET RS		
Salaries	43,394,217.50		1,286,027.20	7,890,932.78	52,571,177.48	50,160,709.85	27,517,440.00			
Allowances	18,979,999.15	934,250.00	537,600.00	2,847,638.40	23,299,487.55	22,266,415.41	14,061,960.00			
E.P.F	8,080,589.80		263,524.08	1,486,046.56	9,830,160.44	7,274,598.30	5,630,556.00			
E.T.F	1,615,745.87		52,704.82	297,209.31	1,965,660.00	1,818,417.95	1,126,111.00			
Wages	3,351,571.75		-	700,080.35	4,051,652.10	4,631,404.43	3,669,600.00			
Overtime	1,356,398.70		5,100.00	134,553.91	1,496,052.61	2,069,267.20	2,825,000.00			
Travelling	1,762,260.37		-	17,717.00	1,779,977.37	1,571,933.40	1,346,000.00			
Fuel	1,257,072.00				1,257,072.00	1,294,745.00	1,440,000.00			
Stationary	916,775.94		220,032.88	978,845.68	2,115,654.50	5,046,180.24	5,315,000.00			
Newspaper			224,530.00		224,530.00	385,010.00	375,000.00			
Courier Chargers			527,430.00		527,430.00	383,620.00	385,000.00			
Expenses of Field Supervision	180,952.76				180,952.76	56,218.00	150,000.00			
Insurance Expenses				42,481.01	42,481.01	179,036.98	1,100,000.00			
Other Surpervision on Special Requests	10,709,058.08				10,709,058.08	3,592,074.46	4,000,000.00			
Tsunami Seismic Station Expenses		1,166,883.65			1,166,883.65	1,267,072.07	-			
Mineral Sysposium Expenses					-	94,059.00	120,000.00			
Maintanance Office Equipment - Lab				845,489.52	845,489.52	1,579,430.49	1,660,000.00			
Maintanance of Lab Equipment			1,840.00		1,840.00	349,557.52	370,000.00			
Research - Office	231,775.28				231,775.28	168,515.00	-			
Research - Intern					-		-			
Other	984,554.48	3,710,184.52	75,475.00	617,351.31	5,387,565.31	7,314,374.55	14,350,500.00			
Geophysycal Investigation -Other	965,275.18				965,275.18	179,310.56				
Bad Debtors on Project Operation	-				-	1,616,565.83				
	93,786,246.86	5,811,318.17	3,192,423.98	15,860,185.83	118,650,174.84	113,298,516.24	85,442,167.00			

Note 22B - Mapping

ACCOUNT TYPE	1 NEW CLEAR RAW MATERIAL SURVEY ALUTHGAMA - GALLE 2018 RS	2 NUCLEAR RAW MATERIAL SURVEY - RAKWANA THANGALLE - 2019 RS	3 EPPAWALA PHOSPHAT E BOUNDARY - 2019 RS	4 GS GEO MAPPING TRINCOMALE E - 2019 RS	5 GEO CHEMICAL MAPPING GALLE AMBALANGOD A - 2020 RS	6 BALL CLAY & KAOLIN DEPOSIT SURVEY - 2020 KALUTARA RS	7 GEOCHEMIC AL MAPPING - 2020 ALUTHGAM A GALLE RS	8 GIN- NILWALA RESEARCH DENIYAYA AREA 2020 RS
Salaries	672,650.00	204,944.67	8,625.33		126,000.00	263,000.00	525,600.00	
Allowances	194,666.67	95,333.33	2,900.00		49,286.13	18,288.50	11,837.74	
Wages		291,700.00						
Overtime		48,260.23						
E.P.F	122,597.50	38,441.70	1,503.80					
E.T.F	24,519.50	7,688.34	300.76					
Travelling	22,400.00	177,650.00			239,200.00	116,550.00	23,100.00	
Fuel	45,000.00	89,900.00			20,000.00	35,330.00	149,150.00	
House Rent		146,000.00				50,000.00	40,000.00	
Stationary								
Printing Cost for Maps								
Other	1,232.50	77,759.00		1,787,400.00	1,658,584.00	10,740.00	6,475.00	1,100.00
	1,083,066.17	1,177,677.27	13,329.89	1,787,400.00	2,093,070.13	493,908.50	756,162.74	1,100.00

Note 22B - Mapping

ACCOUNT TYPE	9	10	11	12	13	2020		2019		2020	
						RS	RS	RS	RS	RS	RS
	Drilling Investigation at Eppavala	VEIN QUARTZ STUDIES GSMB MSD AC VQ 2020 ARALAGANWILA	MINERAL SURVEY SOUTHERN PROV. AMBALANGODA AREA MATARA AKURESSA ROAD	MIN. EX. GRAPHIT E - KAHATAGAHA 2020	OTHER MAPPING EXPENSES						
Salaries	917,204.46		427,547.16			2,230,971.62	2,998,575.09			23,260,500.00	
Allowances	472,311.61		145,180.00			910,391.61	1,794,075.84			11,664,000.00	
Wages	960,230.00		89,897.00	30,000.00		2,286,427.00	3,393,064.84			8,215,000.00	
Overtime	731,745.04		22,455.50		16,646.06	898,519.20	572,514.91			1,897,000.00	
E.P.F	192,902.41		76,984.08			432,429.49	455,263.24			4,382,200.00	
E.T.F	38,580.48		15,396.82			86,485.90	113,815.82			886,300.00	
Travelling	1,022,290.00		152,262.00	131,550.00		1,885,002.00	2,214,250.00			3,085,200.00	
Fuel	473,835.00		28,080.00		17,500.00	838,795.00	1,137,522.00				
House Rent	81,000.00	20,000.00	40,000.00			397,000.00	628,000.00			2,415,200.00	
Stationary						-	-			940,000.00	
Printing Cost for Maps										1,600,000.00	
Other	2,853,561.69		269,879.00	32,345.07		6,699,076.26	8,580,569.40			9,855,000.00	
	7,743,660.69	20,000.00	1,267,681.56	193,895.07	34,146.06	16,665,098.08	21,887,651.14			68,200,400.00	

Note 22C - Project

ACCOUNT TYPE	1	2	3	4	5	6	7	8	9	10
	Pooneryn	Bowathenna	Nawalapitiya	Sigiriya	Dodangasland a	Batticaloa	Trinco District	Paditippu	Kilinochchi - Pooneryn	Mulathive District
	Drilling Investigation	Drilling Investigation	Drilling Investigation	Conservation Project	Drilling Investigation	Mineral Sand Survey Project				
Com Name	Tokyo Cement (Lanka) PLC	Tractebel Engineering GMBH	Match Hit (pvt) Ltd	Central Cultural Fund	LOLC Geo Technologies (pvt) Ltd.	Doris Lanka (pvt) Ltd	Doris Lanka (pvt) Ltd	Doris Lanka (pvt) Ltd	Vetrival Group Ltd.	Vetrival Group Ltd.
	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS
Salaries	127,391.00	251,791.33	494,188.00		719,644.17	108,633.33	145,025.00	162,950.00	114,395.00	128,293.33
Allowances	62,440.00	79,126.67	188,733.33		161,480.00	56,800.00	71,800.00	85,200.00	61,200.00	59,306.67
Wages	250,900.00	371,800.00	1,508,200.00	153,750.00	930,700.00	27,800.00	192,200.00	55,000.00	150,000.00	19,800.00
Overtime	166,695.36	187,355.85	718,750.30	42,342.03	253,287.93		22,356.75			
E.P.F	28,174.65	48,812.70	101,463.20		132,018.63	21,815.00	30,273.75	32,722.50	24,089.25	25,740.00
E.T.F	5,634.93	9,762.52	20,292.64		26,403.73	4,363.00	6,054.75	6,544.50	4,817.85	5,148.00
Travelling	273,650.00	202,150.00	830,800.00	173,600.00	382,272.00	57,500.00	148,440.00	107,650.00	58,000.00	
Stationary	0.00	0.00	253,446.43		311,690.97				20,000.00	
Fuel	120,830.00	190,080.00	579,782.00		213,040.00	69,316.00	87,320.00			
Other	411,997.53	1,224,776.30	551,722.00	143,712.25	468,340.60	29,468.00	123,903.00	15,000.00	12,450.00	
	1,447,713.47	2,565,655.37	5,247,377.90	513,404.28	3,598,878.03	375,695.33	827,373.25	465,067.00	444,952.10	238,288.00

Note 22C - Project

ACCOUNT TYPE	11		12		13		14		2020	2019	TOTAL	BUDGET
	Vellankulam (Mannar)		Galle		Trinco Sampoor							
Com Name	Verival Group Ltd.	Graphite Exploration Verival Group Ltd.	Graphite Exploration Verival Group Ltd.	Verival Group Ltd.	Verival Group Ltd.	Doris Lanka (pvt) Ltd	RS	RS	RS	RS	RS	RS
Salaries	148,713.50	101,719.67	155,256.33	11,003.33			2,669,003.99	2,549,989.35	11,500,000.00			
Allowances	79,560.00	48,766.67	74,433.33	4,826.67			1,033,673.34	1,264,147.33	4,500,000.00			
Wages	66,800.00						3,726,950.00	5,600,586.37	5,250,000.00			
Overtime			13,529.44				1,404,317.66	725,947.43	650,000.00			
E.P.F	31,316.03	19,722.95	30,103.45	2,074.50			528,326.61	1,205,334.21	2,280,000.00			
E.T.F	6,263.21	3,944.59	6,020.69	414.90			105,665.31	223,913.30	456,000.00			
Travelling	52,800.00	47,600.00	47,600.00	11,835.00			2,346,297.00	2,695,907.00	1,003,000.00			
Stationary	33,000.00						585,137.40	1,189,722.03	1,265,500.00			
Fuel	65,000.00		5,267.00	1,050.00			1,293,368.00	1,970,301.00	1,390,000.00			
Other							3,052,686.68	2,525,941.87	2,705,500.00			
	483,452.74	174,153.88	332,210.24	31,204.40			16,745,425.99	19,951,789.89	31,000,000.00			

GEOLOGICAL SURVER & MINES BUREAU

Note 22D - Regional

ACCOUNT TYPE	12		13		14		15		16		17		18		19		2020		2019		2020			
	Trinco		Baticoalo		Kaluthara		Gampaha		Colombo		Mathale		Kegalle		Vavniya		TOTAL		TOTAL		BUDGET			
	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	
Salaries	9,821,703.37	5,138,863.19	8,650,749.03	7,818,769.62	9,858,640.33	3,006,625.20	5,504,804.35	4,112,235.00	148,789,808.72	136,531,648.63	146,953,080.00	146,953,080.00	146,953,080.00	146,953,080.00	146,953,080.00	146,953,080.00	146,953,080.00	146,953,080.00	146,953,080.00	146,953,080.00	146,953,080.00	146,953,080.00	146,953,080.00	
Allowances	4,684,753.08	2,600,000.00	4,163,159.78	3,301,076.00	4,768,816.99	1,799,639.80	2,069,154.00	2,271,862.83	70,719,858.11	51,205,735.93	68,848,200.00	68,848,200.00	68,848,200.00	68,848,200.00	68,848,200.00	68,848,200.00	68,848,200.00	68,848,200.00	68,848,200.00	68,848,200.00	68,848,200.00	68,848,200.00	68,848,200.00	
Casual Wages	1,457,508.37	2,502,081.82	1,752,000.50	1,298,852.17	2,214,822.31	2,995,224.34	2,247,972.21	1,288,393.74	24,625,925.24	32,124,512.00	27,793,200.00	27,793,200.00	27,793,200.00	27,793,200.00	27,793,200.00	27,793,200.00	27,793,200.00	27,793,200.00	27,793,200.00	27,793,200.00	27,793,200.00	27,793,200.00	27,793,200.00	
Overtime	170,989.03	395,905.77	284,240.11	158,323.57	527,466.17	149,965.12	122,458.03	110,105.48	7,750,218.14	9,613,090.03	12,169,720.00	12,169,720.00	12,169,720.00	12,169,720.00	12,169,720.00	12,169,720.00	12,169,720.00	12,169,720.00	12,169,720.00	12,169,720.00	12,169,720.00	12,169,720.00	12,169,720.00	
E.P.F	2,040,521.76	1,073,889.48	1,811,870.82	1,577,977.44	1,932,106.68	604,434.45	1,068,932.53	906,085.17	30,811,130.63	20,856,305.59	29,641,102.00	29,641,102.00	29,641,102.00	29,641,102.00	29,641,102.00	29,641,102.00	29,641,102.00	29,641,102.00	29,641,102.00	29,641,102.00	29,641,102.00	29,641,102.00	29,641,102.00	
E.T.F	408,104.37	214,777.90	362,374.17	315,595.49	386,421.36	122,208.75	213,786.51	181,217.03	6,164,591.00	5,596,440.11	6,159,872.00	6,159,872.00	6,159,872.00	6,159,872.00	6,159,872.00	6,159,872.00	6,159,872.00	6,159,872.00	6,159,872.00	6,159,872.00	6,159,872.00	6,159,872.00	6,159,872.00	
Travelling	453,703.50	464,356.45	587,401.00	367,522.60	858,313.22	462,253.80	496,437.00	100,780.49	9,926,445.58	12,874,598.49	12,993,300.00	12,993,300.00	12,993,300.00	12,993,300.00	12,993,300.00	12,993,300.00	12,993,300.00	12,993,300.00	12,993,300.00	12,993,300.00	12,993,300.00	12,993,300.00	12,993,300.00	
Rent	1,809,166.64	866,875.00	951,580.00	0.00	2,160,500.00	884,500.00	720,000.00	780,000.00	19,363,548.65	15,890,072.76	18,646,000.00	18,646,000.00	18,646,000.00	18,646,000.00	18,646,000.00	18,646,000.00	18,646,000.00	18,646,000.00	18,646,000.00	18,646,000.00	18,646,000.00	18,646,000.00	18,646,000.00	
Fuel	1,126,234.00	906,644.00	991,586.00	512,734.00	607,034.00	654,546.00	717,626.00	286,410.00	16,140,594.32	15,361,704.26	19,857,850.00	19,857,850.00	19,857,850.00	19,857,850.00	19,857,850.00	19,857,850.00	19,857,850.00	19,857,850.00	19,857,850.00	19,857,850.00	19,857,850.00	19,857,850.00	19,857,850.00	
Telephone	693,858.88	290,760.86	363,714.00	449,163.10	333,890.80	290,359.17	224,179.17	172,851.71	6,824,290.50	5,688,470.10	5,838,208.00	5,838,208.00	5,838,208.00	5,838,208.00	5,838,208.00	5,838,208.00	5,838,208.00	5,838,208.00	5,838,208.00	5,838,208.00	5,838,208.00	5,838,208.00	5,838,208.00	5,838,208.00
Electricity	90,697.00	94,837.91	166,961.00	46,870.00	606,685.49	51,255.00	30,585.00	66,580.00	2,211,471.61	2,190,200.21	2,621,000.00	2,621,000.00	2,621,000.00	2,621,000.00	2,621,000.00	2,621,000.00	2,621,000.00	2,621,000.00	2,621,000.00	2,621,000.00	2,621,000.00	2,621,000.00	2,621,000.00	
Other	316,407.45	509,965.80	529,085.10	378,738.67	169,127.08	139,512.00	163,004.00	191,924.00	5,850,751.40	7,816,384.10	11,408,000.00	11,408,000.00	11,408,000.00	11,408,000.00	11,408,000.00	11,408,000.00	11,408,000.00	11,408,000.00	11,408,000.00	11,408,000.00	11,408,000.00	11,408,000.00	11,408,000.00	
Stationary	1,160,212.35	444,702.95	531,334.93	248,765.00	285,995.00	208,466.55	338,098.17	212,733.41	8,405,555.35	16,696,670.03	10,910,000.00	10,910,000.00	10,910,000.00	10,910,000.00	10,910,000.00	10,910,000.00	10,910,000.00	10,910,000.00	10,910,000.00	10,910,000.00	10,910,000.00	10,910,000.00	10,910,000.00	
Security	1,767,932.24	891,759.00	934,397.75	1,929,708.00	1,143,936.75	968,508.75	891,759.00	888,104.25	23,030,049.49	20,449,220.06	22,737,200.00	22,737,200.00	22,737,200.00	22,737,200.00	22,737,200.00	22,737,200.00	22,737,200.00	22,737,200.00	22,737,200.00	22,737,200.00	22,737,200.00	22,737,200.00	22,737,200.00	
Water	169,114.00	132,843.31	105,011.00	25,440.00	28,800.00	58,743.00	49,985.00	55,000.00	1,822,794.32	2,125,857.77	2,915,000.00	2,915,000.00	2,915,000.00	2,915,000.00	2,915,000.00	2,915,000.00	2,915,000.00	2,915,000.00	2,915,000.00	2,915,000.00	2,915,000.00	2,915,000.00	2,915,000.00	
Repair	282,830.90	253,011.78	189,636.02	124,324.53	0.00	147,080.83	83,731.70	17,555.00	4,989,953.15	6,508,006.23	6,604,000.00	6,604,000.00	6,604,000.00	6,604,000.00	6,604,000.00	6,604,000.00	6,604,000.00	6,604,000.00	6,604,000.00	6,604,000.00	6,604,000.00	6,604,000.00	6,604,000.00	
Cleaning	417,106.00	288,048.00	249,204.00	186,336.00	0.00	284,622.00	258,022.00	0.00	4,973,946.00	5,168,919.75	4,986,000.00	4,986,000.00	4,986,000.00	4,986,000.00	4,986,000.00	4,986,000.00	4,986,000.00	4,986,000.00	4,986,000.00	4,986,000.00	4,986,000.00	4,986,000.00	4,986,000.00	
TPL Processing Fee	10,287.00	18,513.00	14,355.00	90.00	0.00	11,259.00	657.00	11,556.00	524,350.00	1,305,532.00	365,000.00	365,000.00	365,000.00	365,000.00	365,000.00	365,000.00	365,000.00	365,000.00	365,000.00	365,000.00	365,000.00	365,000.00	365,000.00	
Awareness Programme	0.00	0.00	35,324.00	0.00	109,453.90	50,100.00	0.00	0.00	312,813.90	1,480,742.00	1,530,000.00	1,530,000.00	1,530,000.00	1,530,000.00	1,530,000.00	1,530,000.00	1,530,000.00	1,530,000.00	1,530,000.00	1,530,000.00	1,530,000.00	1,530,000.00	1,530,000.00	
Maintenance Office Building	6,550.00	16,000.00	69,700.00	0.00	6,210.00	0.00	0.00	0.00	370,851.37	365,726.66	392,000.00	392,000.00	392,000.00	392,000.00	392,000.00	392,000.00	392,000.00	392,000.00	392,000.00	392,000.00	392,000.00	392,000.00	392,000.00	
Insurance	438,063.61	71,779.92	190,560.49	208,716.08	69,321.84	110,434.24	56,228.80	42,327.13	3,927,622.61	4,337,506.59	4,467,950.00	4,467,950.00	4,467,950.00	4,467,950.00	4,467,950.00	4,467,950.00	4,467,950.00	4,467,950.00	4,467,950.00	4,467,950.00	4,467,950.00	4,467,950.00	4,467,950.00	
Equipments	108,436.65	245,240.30	168,028.39	174,049.67	247,499.26	56,335.80	78,574.74	75,003.06	2,669,197.85	3,683,928.91	3,513,000.00	3,513,000.00	3,513,000.00	3,513,000.00	3,513,000.00	3,513,000.00	3,513,000.00	3,513,000.00	3,513,000.00	3,513,000.00	3,513,000.00	3,513,000.00	3,513,000.00	
Sit.All.on Committee of Issue	0.00	0.00	610.00	2,230.00	0.00	1,235.00	0.00	0.00	14,085.00	1,531,297.00	2,159,168.00	2,159,168.00	2,159,168.00	2,159,168.00	2,159,168.00	2,159,168.00	2,159,168.00	2,159,168.00	2,159,168.00	2,159,168.00	2,159,168.00	2,159,168.00	2,159,168.00	
Soil & Gra.ML	0.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	10,985.00	203,250.40	277,500.00	277,500.00	277,500.00	277,500.00	277,500.00	277,500.00	277,500.00	277,500.00	277,500.00	277,500.00	277,500.00	277,500.00	277,500.00	
Entertainment Expenses	185,570.00	122,709.99	127,446.00	57,210.00	39,525.00	119,398.00	155,079.00	83,890.00	2,430,555.63	2,704,119.21	2,938,000.00	2,938,000.00	2,938,000.00	2,938,000.00	2,938,000.00	2,938,000.00	2,938,000.00	2,938,000.00	2,938,000.00	2,938,000.00	2,938,000.00	2,938,000.00	2,938,000.00	
Postage	777,412.00	259,144.00	618,461.00	712,279.00	728,243.00	194,816.00	315,517.00	369,705.00	10,266,850.40	8,307,381.80	12,360,000.00	12,360,000.00	12,360,000.00	12,360,000.00	12,360,000.00	12,360,000.00	12,360,000.00	12,360,000.00	12,360,000.00	12,360,000.00	12,360,000.00	12,360,000.00	12,360,000.00	
Medical Expenses	53,299.00	26,000.00	40,000.00	42,100.00	26,000.00	34,050.00	28,950.00	19,100.00	1,027,278.00	535,740.00	822,700.00	822,700.00	822,700.00	822,700.00	822,700.00	822,700.00	822,700.00	822,700.00	822,700.00	822,700.00	822,700.00	822,700.00	822,700.00	
Uniforms	0.00	0.00	0.00	110,685.00	0.00	6,000.00	0.00	0.00	149,035.00	70,788.00	47,000.00	47,000.00	47,000.00	47,000.00	47,000.00	47,000.00	47,000.00	47,000.00	47,000.00	47,000.00	47,000.00	47,000.00	47,000.00	
Joint Inspection Charges	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	28,450,461.20	17,828,710.43	22,311,990.09	20,048,355.94	27,108,809.18	13,411,572.80																		

	2020 TOTAL Rs.	2019 TOTAL Rs.	2020 BUDGET Rs.
MV - Other	562,241.12	597,397.41	630,000.00
Insurance - Personel Accident	1,260,776.83	905,449.99	950,000.00
Insurance Other Assets	2,289,405.55	2,179,108.34	2,884,000.00
Money in Transist - CT/ 20401	790,171.47	348,769.24	520,000.00
Insurance - H&S	5,684,366.73	4,719,528.71	6,000,000.00
Insurance - MV	4,690,361.75	3,564,862.80	4,700,000.00
Insurance - Bulding	785,883.06	741,399.26	102,000.00
Maintenance - Office Building	4,047,634.33	3,272,701.39	6,030,000.00
Maintenance - Plant & Machinery	1,376,122.07	1,529,990.55	3,540,000.00
Maintenance - Elevator	45,858.72	382,924.94	435,000.00
Maintenance - Office Equ.	4,292,042.65	5,493,245.30	5,110,000.00
Maintenance - Software	850,027.91	1,679,074.31	1,850,000.00
Maintenance - Generator	319,037.36	490,145.66	540,000.00
Board Exp.	295,683.00	699,565.40	772,000.00
Enforcement Unit Expenses	231,110.00	451,963.50	4,354,080.00
Audit Fee	1,958,040.00	1,387,952.00	560,000.00
Stamp fee for Legal Documents	24,974.00	1,177,540.00	0.00
Postage	760,700.00	1,432,388.00	1,620,000.00
Stamp Fee	405,350.00	415,325.00	460,000.00
Stationary	2,445,884.65	7,422,704.72	11,171,000.00
Advertisment	2,845,538.50	4,021,017.75	4,425,000.00
Trade Promotion	212,400.00	1,447,048.00	1,500,000.00
Depreciation	103,505,520.39	102,462,187.52	112,750,000.00
V.A.T/N.B.T/Differed Tax /Disall.tax	3,994,103.61	38,033,683.85	2,700,000.00
Vehicle Tracking System Exp.	767,956.58	39,600.04	300,000.00
Promotional Expenses	6,790,583.37	9,975,592.55	10,966,000.00
Interview Board	174,948.35	347,257.21	332,500.00
Enviormmnetal Day / CSR	1,012,605.95	697,645.00	1,750,000.00
Municipal Council Tax	591,855.60	591,855.90	1,222,000.00
Tender Board	211,550.00	373,604.90	415,000.00
Leasing Exp. Yakkala Land	2,657,812.51	3,875,976.54	2,657,813.00
Assignment Basic Expenditure	0.00	2,908,000.00	650,000.00
Geological Survey Centuary Celebrations & Award Ceremoney Expenses	0.00	4,224,774.00	5,000,000.00
Inventory - Below than 5000	775,495.72	1,784,637.37	1,885,000.00
Member Ship Fees - Office	242,574.04	0.00	0.00
Audit & Management Committee Meeting Exp.	126,758.20	223,753.50	260,000.00
Donetion - Scholorsip Exam	135,000.00	120,000.00	100,000.00
Consultancy Fees	0.00	110,060.00	
Stationery & Other - Gov.Audit Section	86,588.12	32,086.27	35,000.00
Other Office Exp.	6,158,050.87	11,651,922.86	38,640,348.00
Payments on Legal Case	1,043,190.00	1,465,850.00	12,891,000.00
	517,266,954.78	592,145,945.15	637,880,093.00

Note 23 - A

	Finance Section	Stores Section	Internal Audit Section	Legal Section	Chairman's Section	DG's Section	HR	Procurement Section	Media unit	Transport
Staff Salaries	6,705,312.48	2,234,089.53	3,366,683.29	7,306,339.59	2,531,293.49	1,895,300.77	10,941,093.10	3,295,850.85	1,757,070.00	11,412,969.78
Staff Allowance	2,333,252.89	794,628.06	1,446,404.65	4,715,883.33	2,344,114.99	739,070.54	4,226,641.40	1,561,950.00	403,000.00	4,906,233.10
Casual Wages	1,772,972.35	150,810.44	5,000.00	0.00	0.00	0.00	3,432,994.46	450,743.28	759,000.00	272,987.62
Over Time	1,118,680.88	92,354.12	263,982.50	452,049.04	455,098.98	103,196.43	1,381,636.31	326,266.29	316,539.38	4,082,296.69
12% E.P.F.Expenses	1,362,618.38	443,225.93	697,436.56	1,380,179.45	468,305.09	373,222.20	2,249,515.62	719,763.14	376,090.50	2,438,074.80
3% E.T.F.Expenses	272,523.70	88,645.18	139,487.32	276,035.90	93,615.56	74,644.44	449,903.12	143,952.63	75,218.10	487,615.40
Travelling & Subsistence	96,891.00	0.00	73,300.00	262,271.88	132,597.00	20,000.00	148,911.28	25,550.00	51,652.50	1,664,841.64
Fuel Expenses	14,826.00	0.00	26,400.00	10,000.00	140,176.36	128,040.00	8,231,155.79	0.00	0.00	804,108.95
Other Expenses	286,901.25	38,237.85	156,000.00	42,238.00	456,399.00	3,350.00	4,679,058.07	75,989.20	352,517.00	67,360.50
Stationary & Other Expenses	648,563.89	85,985.45	140,358.62	139,746.74	103,382.42	70,536.79	1,065,043.15	37,194.90	37,523.02	117,549.67
	14,612,542.82	3,927,976.56	6,315,052.94	14,584,743.93	6,724,982.89	3,407,361.17	36,805,952.30	6,637,260.29	4,128,610.50	26,254,038.15

Note 23 - B

	Head Office	Yakkala - Stores	Total
Security	10,527,118.50	1,191,448.50	11,718,567.00
Cleaning	4,068,256.18	155,340.00	4,223,596.18
Electricity	7,476,966.58	83,701.25	7,560,667.83
Water	369,045.27	142,079.37	511,124.64
Telephone	3,945,061.82	188,052.73	4,133,114.55
Maintenance of Office Equipment	4,203,885.18	88,157.47	4,292,042.65
Medical Exp	11,126,094.85	122,291.00	11,248,385.85
Uniform Exp.	855,620.90	6,000.00	861,620.90
	42,572,049.28	1,977,070.32	44,549,119.60

Note 24 - Finance Cost	2020 TOTAL Rs.	2019 TOTAL Rs.	2020 BUDGET Rs.
Interest on Finance Lease	5,448,881.51	4,873,095.91	1,400,000.00
Bank Charges	76,540.86	158,925.58	244,500.00
	<u>5,525,422.37</u>	<u>5,032,021.49</u>	<u>1,644,500.00</u>

Note 25 - Finance Income	2020 TOTAL Rs.	2019 TOTAL Rs.	2020 BUDGET Rs.
Interest on Peoples Bank	17,113,242.05	20,625,659.26	20,000,000.00
Interest on Bank of Ceylon	62,823,946.40	53,722,972.98	75,000,000.00
Interest on Treasury Bills	20,290,564.67	27,707,125.72	23,500,000.00
Interest on Surplus Trust Fund	157,591.22	497,076.16	-
Interest on Commercial	-	-	2,500.00
Int.Income PPLS Bank Galle Road	40,491,886.69	124,548,405.65	35,000,000.00
Interest on Savings Acc. -Peoples Bank Galle Rd -Dehiwala	2,205,562.77	1,132,479.59	1,880,000.00
	<u>143,082,793.80</u>	<u>228,233,719.36</u>	<u>155,382,500.00</u>

AUDITOR'S REPORT



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தேசிய கணக்காய்வு அலுவலகம்
NATIONAL AUDIT OFFICE



My No. : } IEN/D/GSMB/1/2020

මගේ අංකය
உமது இல.
Your No. }

දිනය
திகதி
Date }

Date : 12th August 2021

The Chairman,

Geological Survey and Mines Bureau.

Report of the Auditor General on the Financial Statements and Other Legal and Regulatory Requirements of the Geological Survey and Mines Bureau for the Year Ended 31st December 2020 in terms of the Section 12 of the National Audit Act No. 19 of 2018.

1. Financial Statements

1.1.1 Qualified Audit Opinion

The audit of the financial statements of Geological Survey and Mines Bureau for the year ended 31st December 2020 which comprise the Statement of Financial Position as at 31st December 2020 and the Statement of Financial Performance, the Statement of Changes in Equity and the Cash Flow Statement for the year then ended and Notes to the Financial Statements including a Summary of Significant Accounting Policies was carried out under my direction in pursuance of the provisions in Article 154(1) of the Constitution of the Democratic Socialist Republic of Sri Lanka read in conjunction with the provisions of the National Audit Act No. 19 of 2018 and the Finance Act No. 38 of 1971. My report to Parliament in pursuance of the provisions in Article 154(6) of the Constitution will be tabled in due course.

In my opinion, except for the effects of the matters described in the Basis for the Qualified Opinion section of my report, a true and fair view of the Financial Position of the Bureau as at 31st December 2020, and the Financial Performance and Cash Flow of it for the year then ended is given in accordance with the Sri Lanka Public Sector Accounting Standards.

1.2 Basis for the Qualified Opinion

- (a) The net cash flow created under operational activities had been understated by 1045 million rupees due to the fact that the value of the 4 items recorded under operational activities had not been adjusted properly, and the net cash flow created under investment activities had been understated by 8 million rupees due to the fact that the three items which should be adjusted under investment activities had not been adjusted properly, in contravention of the requirements of Sri Lanka Public Sector Accounting Standard No. 02.
- (b) Action had not been taken to make a restatement of the financial statements having made a retrospective adjustment of the prior period adjustment of 1,196,346,664 rupees as per Para 54 of the Sri Lanka Public Sector Accounting Standard No. 03 but all the adjustments had been made with the balance of accumulative profit. Furthermore the accrued expenses of 3,153,284 rupees related to the previous year had been recorded in accounts as expenses of the year under review instead of adjusting that amount with the Accrued Expenses Account. Therefore, the profit of this year has been understated in financial statements by the aforesaid amount.
- (c) Even though the effective life time or the depreciation percentages related to all asset classes shall be disclosed in financial statements as per Para 88 of the Sri Lanka Public Sector Accounting Standard No. 02, the assets of land fences, building partitions, mining spare parts, software and accessories and computers and accessories had been stated as a separate asset class in the financial statements under the Note of Property, Plant and Equipment. However, the depreciation percentages related to the aforesaid asset classes had not been disclosed in the financial statements.
- (d) Even though the non-current assets with a purchasing value of 462,950,272 rupees and are used at present had been disclosed in financial statements having made a complete depreciation of the said assets as per Para No. 92 of Sri Lanka Public Sector Accounting Standard No. 07, action had not been taken to review the effective life time of the said assets again and adjust it as per Sri Lanka Public Sector Accounting Standard No. 03 and disclose it in the financial statements.
- (e) Even though the values of the buildings of Mahakanadara and Hakmana Tsunami Centres had been recorded under non-current assets as 2,670,527 rupees and 2,794,651 rupees respectively, the depreciation of the said buildings had not been calculated and recorded in accounts. Any information required to confirm the date of construction of these buildings which is stated in the financial statements, had not been submitted to the audit.
- (f) Although the remaining stock value shall be recorded in financial statements having valued it at the smaller value out of the net realized value and the cost, the remaining stock as at 31st December 2020 had been recorded in financial statements on its cost value of 32,115,617 rupees without identifying the net realized value of the stocks.
- (g) The accounting principle, based on which the royalty income was identified, had not been disclosed in the financial statements as per the requirements of Para 39(a) of the Sri Lanka

Public Sector Accounting Standards No.10 and the royalty income of 1602million rupees recorded in the financial statements of the year under review had been recorded in accounts on monetary basis.

(h) The minimum lease payment related to 10 vehicles which had been purchased on lease basis had not been recorded in accounts at the present discounted value as per the Sri Lanka Public Sector Accounting Standard No. 12 but the undiscounted value of 102,600,000 rupees had been recorded in accounts. Furthermore, the lease creditor balance had been recorded in financial statements having correctly categorized it as ‘current’ and ‘non-current’.

(i) The income tax expenditure recorded in financial statements had been overstated by 6,662,408 rupees due to the fact that a differed tax liability of that amount was identified on 04 items which did not have any tax liability.

(j) Even though the Bureau owned 66% of the total equity capital of the GSMB Technical Services (Pvt.) Ltd. namely an amount equity worth 188,750,125 rupees out of the total net asset value of 255,682,009 rupees of that company, consolidated financial statements had not been submitted having consolidated the financial statements of Bureau with the financial statements of the company.

(k) Provisions had not been made for doubtful debts in the year under review and an amount of Rs.5,097,526 rupees allocated for doubtful debts in the previous year had been recorded in financial statements under ‘Creditors’ and ‘Payables’ other than recording it having deducted it from ‘Trade Debtors’ and ‘Receivables’.

(l) The purchasing cost of 28,000,000 rupees of the regional office building of Kurunegala and the land in which it is situated had been recorded in accounts under ‘lands’ as the total cost other than dividing it and recording it under lands and buildings separately as per the Sri Lanka Public Sector Accounting Standard No. 07. Furthermore, action had not been taken to depreciate the aforesaid building as well.

I conducted my audit in accordance with Sri Lanka Auditing standards. My responsibilities under those standards are further described in the Auditor’s Responsibilities for the Audit of the Financial Statements section of my report. I believe that the audit evidence I have obtained is sufficient and appropriate to provide a basis for my opinion.

1.3 The Other Information Included in the Annual Report of the Bureau.

The other information means the information obtained by me before the date of this audit report, which has been included in 2020 Annual Report of the Bureau but is not included in the financial statements and in the audit report prepared by me in regard to those financial statements. The management is responsible for this other information.

My opinion in regard to the financial statements does not disclose other information and neither confirm such information nor express any opinion in that regard.

My responsibility in regard to the audit of the financial statements is to read the other information mentioned above and to consider whether the other information is materially incongruent with the financial statements or with my knowledge obtained through the audit or some other means.

If I conclude that this other information is materially erroneous based on the other information obtained by me or based on the functions carried out by me before the date of the audit report, I am required to report that matter. I do not have anything to report in this regard.

1.4 Responsibilities of Management and Those Charged with Governance for the Financial Statements.

Management is responsible for the preparation of these financial statements in accordance with the Sri Lanka Accounting Standards, presentation of the said financial statements in a fair manner and for the determination of such internal controls that are necessary to enable the preparation of financial statements without material misstatements whether due to fraud or error.

In preparing the financial statements, Management is responsible for assessing the company's ability to continue as a going concern, disclosing matters related to a going concern and using the going concern basis of accounting unless the management either intends to liquidate the company or to cease operations when other alternative is not available.

Those charged with governance are responsible for overseeing the company's financial reporting process.

As per sub section 16 (1) of the National Audit Act No 19 of 2018, books and records should be properly maintained in regard to the income, expenditure, assets and liabilities of the company in order that its annual and periodic financial statements could be prepared.

1.5 Auditor's Responsibilities for the Audit of the Financial Statements.

My objective is to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatements whether due to fraud or error and to issue an auditor's report that includes my opinion. Reasonable assurance is a high level of assurance, but it is not a guarantee that an audit conducted in accordance with Sri Lanka Auditing Standards will always detect a material misstatement when it exists.

Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with Sri Lanka Auditing Standards, I exercised professional judgment and maintained professional scepticism throughout the audit. I also

- identified and assessed the material misstatements of the financial statements, whether due to fraud or error, designed and performed the audit procedures responsive to those risks and obtained audit evidence that is sufficient and appropriate to provide a basis for my opinion. The effect resulting from a fraud is higher than the effect resulting from a material misstatement and a fraud may involve collusion, forgery, intentional omissions, or the override of internal controls.
- obtained an understanding of internal controls relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the company's internal control.
- evaluated the appropriateness of the accounting policies used and the reasonableness of the accounting estimates and the related disclosures made by the management.

- concluded on the appropriateness of the management's use of the going concern basis of the company for accounting and based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the company's ability to continue as a going concern. If I conclude that a material uncertainty exists, I am required to draw attention in my auditor's report to the related disclosures in the financial statements or if such disclosures are inadequate, to modify my opinion. However, future events or conditions may cause the institution to cease to continue as a going concern.
- evaluated the overall presentation, structure and content of the financial statements including the disclosures and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

I communicated with those charged with governance regarding, among other matters, significant audit findings including any significant deficiencies in the internal controls that were identified during my audit.

2. Report on Other Legal and Regulatory Requirements.

- 2.1 Special provisions are included in regard to the following requirements of the National Audit Act No. 19 of 2018.
 - 2.1.1 I obtained all the necessary information and explanations subject to the observations set out in Para No. 1.2 of this report as per the requirements of section 12(a) of the National Audit Act No. 19 of 2018 and as it appears from my examination, proper financial reports have been maintained by the Bureau.
 - 2.1.2 The financial statements of the Bureau are consistent with the requirements of section 6(1) d (iii) of the National Audit Act No. 19 of 2018.
 - 2.1.3 Corrections related to the recommendations made by me in the previous year in regard to the observations mentioned in Para Nos. 1.2(a), (f), (g), (h) and (i) of this report have not been done even when submitting the financial statements of the year under review as per the requirements of section 6(1) (d) (iv) of the National Audit Act No. 19 of 2018.

- 2.2 Based on the procedures followed and the evidence obtained, which were limited to the matters that are material, nothing has come to my attention that requires the following statements to be made.
- 2.2.1 To state that any member of the governing body of the Bureau has direct or indirect interest in any contract entered into by the Bureau which is out of the ordinary course of business as per the requirement of section 12(d) of the National Audit Act No. 19 of 2018.
- 2.2.2 To state that the Bureau has not complied with any applicable written law, general and special directions issued by the governing body of the Bureau as per the requirements of section 12(f) of the National Audit Act No. 19 of 2018, except for the following observations.

Reference to Law and Rules / Directions	Description
(a) Mines and Minerals Act No. 33 of 1992 Mining Regulation No. 33(4) amended by the Gazette No. 958 dated 10 th January 1997.	Steps had not been taken to make timely amendments having submitted recommendations to the Secretary in regard to the specified trade value of mining products, allowable deductions and royalty payments.
(b) Section 6.2 (c) in the II part of the Payment of Gratuity Act No. 12 of 1983 and the letter No. 02/09/011 අමුණ/2018 dated 05 th July 2018, issued by the Secretary to the Ministry of Mahaweli Development and Environment	An overpayment of 8,352,114 rupees had been made due to the payment of gratuity based on the salary of one month to 21 employees who had resigned from service during the period 2016-2019 even though gratuity shall be paid based on a half a month's salary as per the Act and an amount of 159,753,034 rupees had been allocated for paying gratuity based on the salary of one month. Even though the Director General of the Department of Public Enterprises had informed on 10 th May 2018 that the gratuity that has been overpaid shall be recovered, the aforesaid money has not been recovered.
(c) The Extra-ordinary Gazette Notification No. 772/22 dated 24 th June 1993 issued by the Minister of Environment as per Section 23 V of the National Environment Act No.	The Mining Licence No. IML/A/HO/1623 had been issued to carry out mining activities on a total surface area of the earth exceeding 18 hectares in contravention of the rule that mining shall not be done on a total surface

47 of 1980 amended by Act No. 56 of 1988.	area of the earth exceeding 10 hectares in extracting minerals.
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(d) Code of Financial Regulations of the Sri Lanka Democratic Socialist Republic of Sri Lanka.

(i) Financial Regulation No. 365(1)	Even though an advance payment shall be granted within the given financial year only for authorized payments, the balance of advance payments granted for local purchasing and which remain unsettled for a period ranging from 1 year to 5 years was 7,608,105 rupees.
(ii) Financial Regulation No. 371(5)	Even though the surrendering of the advance payments cannot be delayed passing 31 st December of the financial year, the balance of the advance payments granted to the officers and which remained unsettled for a period ranging from 1 year to 5 years was 6,329,943 rupees.
(iii) Financial Regulation No. 751(2) and 507(3)	The survey of the fixed assets, of which the cost was 1,208,686,416 rupees, had not been completed in relation to the year under review and the report of it had not been submitted to the audit.
(e) Sections 31.11 and 31.15 of Chapter XLVIII of the Establishments Code of the Democratic Socialist Republic of Sri Lanka.	Even though disciplinary action had been initiated against a mining engineer who had been interdicted on 17 th August 2017 on criminal charges, he had been paid an amount of 954,521 rupees as half salary and an amount of 369,171 rupees as incentives and bonuses during the period of interdiction. The aforesaid officer has been reinstated with effect from 15 th August 2019 upon the approval of the Board of Directors without a disciplinary inquiry order.
(f) Para 6.5.3 of the Public Enterprise Circular No. 12 dated 02 nd June 2003.	The annual reports of the years 2017, 2018 and 2019 had not been tabled in Parliament even by 30 th June 2020.
(g) Foreign exchange Regulation	The foreign equity ownership in a company

<p>mentioned in Gazettes Extraordinary No. 2045/56 dated 17th November, 2017 and No. 1232/14 dated 19th April 2002.</p>	<p>which undertakes mining activities in Sri Lanka shall be up to a ceiling of 40% and if the foreign equity ownership exceeds that ceiling special approval of the Board of Investment of Sri Lanka has to be obtained. However 89.91% of the total equity of Bogala Graphite company, which mines graphite in Sri Lanka, was held by two foreign companies and the aforesaid company had not obtained a special approval of the Board of Investment of Sri Lanka for it or had entered into a special investment agreement with that Board in that regard. However, the Bureau had issued two mining licences to the aforesaid company for mining graphite without paying any consideration to the aforesaid matter.</p>
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2.2.3 The fact that the Bureau has acted in a manner which is inconsistent with the powers, duties and functions of the Bureau as per the requirements of section 12(g) of the National Audit Act No. 19 of 2018.

Even though action shall be taken to rehabilitate lands after mining activities as per Section 52(2) of the Mines and Minerals Act No. 33 of 1992 and Mines and Mining Regulation No. 21(a) amended by Gazette No. 958 dated 10th January 1997, the Bureau had failed to get that work done through 874 mining licence holders even though a period of time ranging from 2 months to 20 years had elapsed. Similarly even though the bank guarantees worth 156,275,430 rupees, which had been obtained from the aforesaid licence holders, had been cashed and recorded in financial statements as a payable balance without using it for the rehabilitation activities of the lands.

2.2.4 The fact that the resources of the Bureau has not been procured in accordance with the relevant rules and regulations within the time frames in a frugal, efficient and effective manner except for the following observations as per the requirements of section 12(h) of the National Audit Act No. 19 of 2018.

(a) The task of constructing the 02nd floor of the regional office at Anuradhapura at a cost 11,545,178 rupees had been assigned to Sri Lanka Navy upon an approval of the Board of Directors without an approval of the Cabinet of Ministers and without following a competitive tender procedure in accordance with Section 3.2 of the Code of Procurements. Similarly an instructor had been appointed for the aforesaid construction work without following a procurement process and he had been paid an amount of

579,995 rupees whilst the instructor concerned had been appointed as the Chairman of the Technical Evaluation Committee appointed for this task, in contravention of the requirements of Section 7.3.1 (b) of the Code of Procurements.

- (b) GPS Tracking systems had been installed in 51 vehicles at a cost of 408,000 rupees and the files related to the relevant estimates, approval, mode of selection of the supplier, relevant contract agreement and the relevant payments had not been submitted to the audit.

3. Other matters.

- (a) Even though the Earthquake and Tsunami Monitoring Center and a laboratory building were being constructed in the land located in Pitakotte at a cost of 585,147,480 rupees, action had not been taken to acquire the relevant land. Furthermore approval of the Cabinet of Ministers had been obtained only for 383,193,671 rupees, which is the amount spent for the construction work in the contract, and the approval of the Cabinet of Ministers had not been obtained for an amount of 201,953,810 rupees spent for urgent requirements and other expenses of the contract.

- (b) Issue of Mining licences by the Bureau to Bogala Graphite Company.

- (1) It is mentioned in the book entitled “Aarthikaya Sarikala Haki Lankawe Kaniya Sampath – Sri Lankan Mineral Resources which can earn money), which was issued in the year 2018 as a publication of Sri Lanka Gem and Jewellery Research and Training Centre, that Nano technology has been introduced to Sri Lanka at present and graphite can be given an absolute value through this Nanotechnology.

As is mentioned in that book 01 gram of Graphene processed using Nanotechnology is valued at higher price of 150,000 rupees (value of 1 kg is 150 million rupees) and Sri Lanka had been losing a big income receivable to it due to the fact the graphite mined by the company was exported in the form of raw materials without it being converted into a finished or half finished product.

The company had earned an amount of 1747.21 million rupees by exporting 6460.68 metric tons of graphite during the period from the year 2017 up to August 2019. Accordingly, a kilo of graphite had been exported at a lower price of 270 rupees as raw materials without value addition and royalty had been paid on it. A value loss of 5555556 percent had occurred between export price and raw material price.

- (ii) The Central Environmental Authority issues an Environmental protection licence to the company concerned for a period of one year and the validity period of the aforesaid licence is extended annually.

In addition to that even the Department of Archaeology submits its recommendations to the Divisional Secretary of Galigamuwa on the basis of making an annual renewal in order to allow the company concerned to carry out mining activities and even the

Divisional Secretary submits his recommendations to the Geological Survey and Mines Bureau to extend the validity period of the mining licence by a year.

Accordingly a controversy has been created by the extension of the validity period of the mining licence for a period of 10 years with effect from 02nd November 2018 upto 01st November 2028 upon a request of the Company notwithstanding the fact that the validity period of the mining licence shall be extended on a yearly basis.

- (c) Even though it had been observed in the examination carried out by the Director (Mine Safety) of the Bureau in regard to 13 licences granted by the Bureau to mine sand on land that the mining areas related to all mining licences had exceeded the approved the depth of mining, the royalty paid to the Bureau had been less than the due amount, the bank guarantees collected for the licences were not sufficient and the said guarantees should be enhanced, no action had been taken in that regard until the date of this report. Furthermore, the areas in which sand mining had been carried out under licences in Hambantota and Ratnapura districts, the lands in which sand mining had been carried out had not been rehabilitated and the unsafe pits had got filled with water. It was observed in the audit that as the expenses for rehabilitating the mined lands were higher than the bank guarantee, the guarantee had not been secured and the land had been neglected without being rehabilitated.
- (d) The royalty charges of 287,010 rupees and fines due for 10,382 cubes of soil that had been mined under 2 licences granted under Section 33 of the Regulations for Issuing Licences for Mining Soil made under Mines and Minerals Act. No. 33 of 1992 had not been collected. 2201 cubes of soil had been mined without authority exceeding the ceiling granted by the licence for mining soil. Similarly even though 07 conditions set out in mining licences and 02 conditions set out in the agreement had been contravened, no action had been taken in that regard. However the bank guarantee of 600,000 rupees related to it had been released.

Even though steps should have been taken as per the conditions of the licence to adopt the inclination method to prevent landslides, initiate action to stop soil erosion, leave out a stretch land of 05 metres around the boundary of the land without carrying out mining activities, continue mining activities within the standard metric grid limits and rehabilitate the mined land, such steps had not been taken.

- (e) An amount of 3,914,563 rupees and another amount of 12,225,173 rupees had been spent in the years 2014 and 2020 respectively to construct the regional office of the Bureau without duly acquiring a land that belongs to the District Secretary of Anuradhapura.
- (f) Equipment of GPS tracking system worth 8000 rupees each had been installed in 51 vehicles at a cost of 408,000 rupees in the year 2019 and the equipment installed in 14 vehicles remained at a dysfunctional state and the piece of equipment installed in the

vehicle allocated to the Director General of the Bureau, had been unfixed and it had been installed in a three wheeler which does not run often. Even though it is mentioned in the project report that different services such as administrative activities related to vehicles, safety of vehicles, administration of drivers and maintenance could be obtained through this new system, this system had not been properly used for the administrative activities of the transport section.

- (g) Action had not been taken until the date of audit to formulate a National Policy of Minerals as per the notification made by the Cabinet of Ministers on 22nd May 2017.
- (h) No scientific method has been adopted upto now to identify the amount of granite mined and the royalty charges have been calculated considering that the number of cubes of granite mined is twice the amount of explosives used for mining granite.
- (i) An amount 27,419,690 rupees to be received as royalty charges, which is made of 26,875,200 rupees for 1,343,810 cubes of soil and 543,490 rupees for 3397 cubes of sand, obtained for the construction work of the Yan Oya Reservoir project, had not been collected from the contracting company, within the year under review.
- (j) A methodology had not been formulated to grant licences for the transport of granite products as per Section 28(4) of the Mines and Minerals Act No. 33 of 1992. Issue of transport licences for transporting sand, soil and clay had been stopped during the period from 04th December 2019 up to 16th March 2020 by the Cabinet Decision No. 19 / විවිධ (064) dated 13th December 2019. The royalty charges of the aforesaid minerals had been collected when issuing transport licences but an optional methodology had not been introduced to collect the royalty charges when the transport licences were abolished.
- (k) The graphite, mineral sand and quartz which are mined had been exported as raw materials without value addition as the Bureau had not introduced the steps to be taken to add value to minerals as per the provisions of Section 2(e) of the Mines and Minerals (Amendment) Act No. 66 of 2009.
- (l) The royalty income of 8488 million rupees collected by the Bureau during the period from the year 2014 up to the year under review had not been credited into the Consolidated fund.

W.P.C. Wickramaratne

Auditor General.

AUDITOR'S REPORT - ANSWER

2021.10.21

My No. : IEN/D/GSMB/1/2020

My No. : FN/AQ/2020

The Auditor General,
Auditor General's Department
No.306/72,
Polduwa Road,
Battaramulla.

Replies to the Report of the Auditor General on the Financial Statements and Other Legal and Regulatory Requirements of the Geological Survey and Mines Bureau for the Year Ended as at 31st December 2020 in terms of Section 12 of the National Audit Act No. 19 of 2018.

1. Financial Statements

1.2 Basis for qualified Audit Opinion

- (a) Necessary action will be taken in the future to duly record in the Cash Flow Statement the four items named stocks, trade and receivables, long term liabilities and the interests paid for leasing facilities in accordance with the requirements of the Sri Lanka Accounting Standard No. 02 (Cash Flow Statement). Action will be taken in the future to properly adjust the three items that should be adjusted under investment activities under the Sri Lanka Accounting Standard No. 02 (Cash Flow Statement)
- (b) Action will be taken to present and disclose the financial statements of prior periods with a retrospective application as per Para No. 54 of the Sri Lanka Accounting Standard No. 03
- (c) Even though depreciation has been adjusted correctly in the financial statements of the year 2020, depreciation percentages of 4 items under 1.2.1-E in accounting policies had not been disclosed. Action will be taken to disclose those percentages in the future as has been pointed out by audit.
- (d) Revaluation of assets is carried out by the Bureau once in every five years. Accordingly this activity was performed in August in the year 2018. On that occasion revaluation of all the asset classes of the Bureau was carried out. Next revaluation has to be carried out in the year 2023. However the Bureau has sent a letter to the Government Valuation Department this year requesting that revaluation of buildings and lands be carried out.
- (e) As depreciation of Mahakanadarawa and Hakmana Tsunami Centres has not been carried out when calculating depreciation in the financial statements of the year 2020, action will be taken to calculate the said depreciation as has been pointed out by the audit.
- (f) The Para No. 15 of the Sri Lanka Public Sector Accounting Standard No. 9 refers to the inventories which are not acquired through non-exchange transactions. However, the inventories of the Bureau are acquired through non-exchange transactions.
- (g) Royalty charges should be identified as per part V of the Gazette No. 794/123 dated 26th Friday 1993 of the Democratic Socialist Republic of Sri Lanka. However this had not been disclosed in the financial statements of the year 2020 and the said error will be corrected in the future.

- (h) It was confirmed in the discussion made with Government Auditor, who was in charge of the Bureau earlier, that recording in accounts the purchase of 10 vehicles made under finance lease arrangements was correct. However action will be taken in the future to correctly categorize the lease creditor balance as 'current' and 'non-current' and record it accounts.
- (i) Action will be taken to correct the error that occurred in calculating the income tax in the year 2020 due to taking into account of the items which do not have any tax liability for the calculation of the income tax and to calculate the income tax correctly in the future.
- (j) The GSMB Technical Services(Pvt.) Ltd. Company is an investment made in the year 2003 and a reasonable period of time is required to prepare consolidated accounts as the financial information of 17 years has to be analyzed for that purpose. A letter has already been sent to the Auditor General making a request to grant more time to prepare consolidated financial statements for the year 2020. Furthermore as this task has to be done for the whole period of the last 17 years it has become difficult to perform this task along with the activities of the Bureau. Therefore this task has been referred to the procurement process in order to get it done through outsourcing.
- (k) Action will be taken to deduct from the trade debtors the provisions made for doubtful debts and to record it in accounts correctly in the future.
- (l) Action will be taken to identify and record in accounts separately the building of the Kurunegala regional office and the land in which it is situated and make adjustments for the relevant allocations of depreciation as per the Sri Lanka Public Sector Accounting Standard No. 7.

Reference to Laws and Rules / Directions

- (a) As per the Regulation No. 33(4) amended by the Gazette No. 958 dated 10th January 1997 made under Mines and Minerals Act No. 33 of 1992, a legal background has already been created to include such amendments in investment agreements as is mentioned in Licence Issuing Order 10 and hence they have been included in investment agreements.
- (b) The Bureau has acted in accordance with the Gratuity Act and even the Department of labour has confirmed that fact. Therefore no recovery has to be made as any over payment has not been made. All the relevant approvals have been referred to the Treasury by now as was discussed in the Committee on Public Enterprises.
- (c) When mining licences are issued for industrial minerals for an area which exceeds 10 hectares under the Act and Regulations, an exploration licence has to be obtained before submitting an application to obtain the mining licence. Accordingly a legal background has been created to apply for mining licences based on the technical reports in the exploration licence. Accordingly the Bureau issues mining licences.

However, as Lanka Mineral Sands Company had been carrying out mining activities using an industrial methodology before the aforesaid Act and Regulations were passed, the said company was able to qualify for the new system of issuing mining licences without obtaining an exploration licence due to the fact that a legal background had been created in accordance with the Gazette No. 794/23 dated 26.11.1996 to allow the mining licences, under which mining had been carried out using industrial methodology, to be registered at the Bureau for industrial mining licences before 23rd April 1994.

- (d)
- (i) An amount of Rs. 1,927,810/50 has been paid for this GPRS system. However this amount is kept in the Advance Account as it has not been considered as an asset due to the fact that the aforesaid GPRS system has not been completed. The advance payment made to Ewis Solution (Pvt.) Ltd. is also recorded in the Advance Account as the aforesaid process has not been completed. Letters

have been sent informing that action should be taken to settle the advance payments to the sections that are relevant for other advance payments.

- (ii) The amount of the advance provided to one officer is Rs. 1,500,000/= rupees as has been pointed out by the audit. The said amount has been kept without being surrendered for a period of more than 5 years. Legal steps are to be taken in this regard.

An amount of 4,090/88 rupees out of the advances provided to field officers has been kept without being surrendered from the years 1994 and 1996. Therefore action has been taken to write off these amounts and the amount of Rs.260,000/= rupees has already been settled. Letters have been referred to the relevant section to recover the amount of Rs. 1,047,822/= rupees.

- (iii) Board of Survey activities in regard to the fixed assets of the Bureau had to be temporarily stopped due to the sudden corona epidemic situation that arose in the country. Action will be taken to conduct the annual survey of stocks in the coming year and submit the relevant report to the audit.

- (e) One officer out of these officers has been acquitted from all the charges against him and the formal disciplinary inquiry in regard to the other officer is being conducted presently and necessary action is being taken to recover the money which is due from him to the Bureau.

- (f) The annual reports of the years 2017, 2018 and 2019 have already been handed over to be tabled in Parliament.

- (g) Bogala graphite company was owned by the government and the shares of it have been sold to a foreign company according to a decision taken by the government. It is informed that the aforesaid sale occurred before the year 2012.

2.2.3.

The Bureau obtains a rehabilitation bond when issuing licences by it to make sure that the mined land is rehabilitated after mining activities. The aforesaid bond is released to the licensee only if the Bureau is satisfied with the rehabilitation activities carried out in the mined land.

As has been pointed out by the audit the Bureau acquires the bonds that are related to the lands that have not been rehabilitated, the bonds that have not been collected back though the land related to it has been rehabilitated and the bonds whose validity period has expired. On the occasions on which it is confirmed that the lands concerned have been rehabilitated, the Bureau takes action to release to the licensees the bonds which it has acquired.

Plans have been made to introduce a methodology to streamline these activities.

2.2.4

- (a) The Management decided to expeditiously construct the second floor of the building owned by the Bureau and located in the land in which the District Secretariat was situated to house the regional office of Anuradhapura due to the fact that a huge amount of money had to be spent to run the regional office of Anuradhapura on lease basis. The relevant contract was awarded to the Sri Lanka Navy upon the approval of the Board of Directors due to the facts that Sri Lanka Navy agreed to complete the task out of the amount mentioned in the engineering estimate (without labour charges) and Sri Lanka Navy did have the capacity to complete this task expeditiously. Even though the Technical Evaluation Committee was appointed with the objective of following the competitive procurement process the aforesaid task was not referred to the Technical Evaluation Committee in order to have a technical evaluation of it due to the fact that the said task was assigned to Sri Lanka Navy upon the approval of the Board of Directors.

(b) Action will be taken to hand over the relevant files in the future.

3. Other matters

(a) As per Cabinet Approval No. 10/2859/527/001 dated 08.12.2011 in regard to the land in which the Geological Survey and Mines Bureau is established, the Board of Management has given its approval to convey to the Ministry of Environment the whole land of 209 perches situated at Denzil Kobbekaduwa Mawatha, Battaramulla, for which the Bureau has paid money upon the agreement that the land of 205 perches situated at No. 569, Epitamulla Road, Pitakotte in which the Bureau is established will be conveyed to the Bureau.

Even a Cabinet paper has been submitted to convey the aforesaid land of 205 perches to the Bureau and once the approval of the Cabinet of Ministers is obtained, the Commissioner of Lands will convey to the Bureau the land in which the Bureau is established at present.

Even though the Ministry of Environment has referred to the Cabinet of Ministers our request for the conveyance of the aforesaid land, the Ministry is yet to perform the activity of legally transferring the aforesaid land to the Bureau.

Though action is taken based on the total cost estimate when deciding the procurement committees and appointing persons to those committees, the approval of the Cabinet of Ministers has been obtained to the selected contract value when issuing contracts.

All the procurement activities related to this tender including the task of obtaining the approval of the cabinet of Ministers were done through the line Ministry and the aforesaid activities were done under the Supervision of the Chief Accounting Officer. It is observed that only the relevant expenses have been referred to the Cabinet of Ministers for approval.

(b) Issuing Mining Licences to the Bureau by the Bogala Graphite Company.

(i) Researches in regard to the processing of semi-graphite products are being conducted at present. However, the exports which have been made so far are continued as usual and permission is granted for the export of value added graphite in order to make the export income secure given the prevailing economic situation.

(ii) The Director General has been vested with legal powers to decide the validity period of Mining Licences – Category A based on the Economic Viability Report submitted by the Licensees

as per the regulations for issuing licences made under Mines and Minerals Act No. 33 of 1992 amended by Act No. 66 of 2009. Presently archaeological recommendations are issued with a long term validity period and the licence holders do not have any obstacle as per law to engage in mining activities under the mining licences which are valid for a period of more than one year subject to the recommendations of the relevant institutions.

(c) Action is already being taken to amend the values of archaeological bonds. Similarly arrangements are being made at present to implement a programme of work related to the rehabilitation and follow up review related to mining.

(d) The files related to the collection of royalty charges are being examined at present as has been pointed out by the audit. Accordingly if there is any oversight, it will be looked into it and necessary action will be taken.

(e) The regional office of Anuradhapura had been housed in a building taken on lease for a long period of time. As it was essential to find space within the urban area for establishing the regional office in order to perform the public service in a more systematic and effective manner, the Bureau asked for space within the district Secretariat to establish the said regional office. However, as space was not available in that office, action was taken upon an agreement to establish the office in the land in which the District Secretariat was situated as it was a state land.

It has been agreed to establish the office of the Bureau in its own building situated in a state land without paying any rent as it was economically beneficial in a background in which other public institutions situated in the premises of the District Secretariat ran their offices paying a rent. This land cannot be acquired as it is situated in the premises of the District Secretariat.

(f) It is agreed with this point made by the audit and the relevant parties have been informed to take necessary action to operate this system properly.

(g) The national policy on minerals has been prepared by now and necessary action is being taken at the moment to entertain comments in regard to the draft policy from the experts on it. It is proposed to be launched in no time.

(h) A technical methodology is being proposed at present to estimate the amount of granite removed from mining sites under mining licences. Under this methodology the number of cubes of granite mined under Industrial Mining Licences - Category A is estimated. This methodology is scheduled to be introduced to the licences of other categories as well.

(i) Several letters have been sent to the company which should make the royalty payments for the soil and sand used for the Yan Oya Reservoir Project with a copy to the Department of Irrigation asking the said company to pay off the said charges. As no response has been made to it, legal action is going to be taken to collect the said charges.

(j) A methodology has been formulated to transport granite and a decision is to be made in that regard in the future having discussed it with the Ministry. Similarly the Bureau has not stopped for whatsoever reason the issue of transport licences for the transport of minerals such as soil, gravel, clay and sand. Bureau has collected royalty chargers for the number of cubes that has been allowed to be mined under mining licences.

(k) Value addition for minerals takes different forms depending on the variety of minerals. The minerals which are mined from the land are not exported as they can be found on lands and all the acts such as fragmentation, pulverization, washing and segregation of minerals come under value addition.

(l) All the money received by the Bureau by issuing licences and carrying out its functions is deposited in the fund of the Bureau and the money required for putting the powers of the Bureau into action and carrying out its functions shall be used from the said fund as per Section 17 of the Mines and Minerals Act No. 33 of 1992 amended by Act No. 66 of 2009. Therefore, when money is requested by the Ministry of Finance from time to time Bureau sends money to the Treasury having retained the amount required for carrying out the day today activities of the Bureau.

AnuraWalpola
The Chairman
Geological Survey and Mines Bureau

AUDIT COMMITTEE REPORT

“Towards a State Owned Regulatory entity operated in better governance framework trusted by people constantly involved in protecting Natural Resources and Environment”

Rules & Responsibilities of Audit Committee of GSMB are clearly described in the Charter

Of the Board Audit and Management Committee which is based on the guiding principles in the Public Enterprise Guidelines for the good governance.

The committee is responsible to the Board of Management and reports its proceedings to the Board.

The Audit Committee of the Geological Survey & Mines Bureau is comprised of three non-executive members of the Board of Management and chaired by Treasury representative namely:

1. Chairman - Mr. Rohitha Wickramarathne
(Director - Department of National Policy)
2. Member - Mr. I. C Pathiraja
(Additional Secretary – Industrial Development)
3. Member - Mr. W.D.S.C. Weliwatta
(Additional Secretary – Natural Resources)

Rules & Responsibilities of Audit & Management Committee

The AMC continues to assist the Board of Directors in fulfilling effectively its responsibilities relating to financial and other connected affairs of the company. The Committee has been empowered to:

1. Review of the Annual Audit Plan, Work Program, Corporate Plan, Action Plan, Procurement Plan, Annual Budget and Capital Budget.
2. Reviewing the suitability and the quality of accounting policies and any changes in accounting policies and practices and their adherence to statutory and regulatory compliance applicable accounting standards.
3. Review and evaluate the internal control system covering Accounting Financial and operational aspects based on audit reports and Management decisions of Board of Directors.
4. Review compliance of statutes, rules, regulations, Treasury circulars & directives.
5. Submit recommendations of the Committee to the Board of Management.
6. Review of the matters pertaining to organization’s staff discipline, performance elimination of wasteful expenditure and corrupt practices with the objective of making the GSMB cost conscious and productiveness.

7. Carrying out appropriate investigations to mitigate the fraud risk.

Meeting of the committee

During the financial year ended 31st December 2020, two (02) meetings of the committee were held. The proceedings of the committee meetings are recorded with adequate details and are reported regularly to the Board of Directors. On the invitation of the committee the representative from Auditors General Dept. attended committee meetings during the year.

Internal Audit

The GSMB has its own Internal Audit section headed by an Internal Auditor. The Internal audit Program was presented and approved by the AMC and Committee regularly reviews and monitors the internal audit and the inspection functions.

External Audit

The AMC reviews the reports submitted by the Auditor General to ensure all reported instances of non compliance and irregular Accounting and Reporting issues are addressed on time.

The Committee is satisfied with the appropriateness of application of the accounting policies and thus gives a reasonable assurance that the Financial Statement of the GSMB are reliable. Further, the committee is satisfied that the Compliance framework of the GSMB ensures that the GSMB complies with applicable laws, rules and regulations and corrective and preventive actions were taken with regard to the reported non – compliances during the year under review.

Mr. Rohitha Wickramarathne
Chairman
Audit and Management Committee

Corporate Social Responcibilities

Special activities done by Mines Division and contribution to the national economy

1. Tree Planting program

Geological Survey and Mines Bureau took some special steps towards Environment Protection and the implementation of Sustainable Mining. Due to Covid 19 situation in the country major projects were not executed. However, tree planting program was commenced to felicitate world Environment Day on 6th June 2020, at 97 religious sites in 22 districts island wide.



2. Awareness Programs

The Bureau conducted a workshop for the people engaged in the granite industry in the Colombo District on 2020.01.31 and Kalutara District on 28.02.2020 under the theme “Safe Workplace - A Safe Tomorrow”. In this workshop, the Bureau’s Senior Experts and Experts conducted training on how to practice the Brick Project, how to master the safety blasting techniques, safety explosives, worker health and welfare as well as how to solve various problems faced by the stonemason industry in the field. Received.



3. Introducing flexible licensing procedure in the prevailing corona Pandemic

- In the face of worldwide coronavirus epidemics, a flexible and easy licensing system was introduced to in accordance with travel restrictions and other health regulations. Thus,
- Encourage clients to have an appointment before visiting the regional office
- Simplifying the transport licensing system
- Issuance of all mining licenses, trading and transport licenses through regional offices
- Issuance of mining licenses with minimum recommendation
- Extending mining and trading Licenses from 16th March 2020 to 30.04.2020.
- With the prevailing situation in the country, license holders have been advised to cultivate crops in areas where excavation has been completed.
- The Bureau issued export licenses during the period of corona epidemic to strengthen the country's economy in line with the new rules and guidelines.



No. 569, Epitamulla Road, Pitakotte.
0112886289/0112886290