



بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ
يَا أَيُّهَا الَّذِينَ ءَامَنُوا كُتِبَ عَلَيْكُمُ
الصِّيَامُ كَمَا كُتِبَ عَلَى الَّذِينَ
مِنْ قَبْلِكُمْ لَعَلَّكُمْ تَتَّقُونَ

It is season for Muslims all over
the world to wish you peace & joy
Theses are my prayers for all of you

Happy Ramadan from

AMGC



AMGC News

Director General's Message



The month of April, the Geological Department of the Gambia has started sending its employees for training courses to be carried out at the Centre. AMGC received two teams of Gambian professionals from the Geological Department of the Gambia for training courses on Environmental Management in Mining and on Sampling and Sample Preparation for Laboratory Testing.

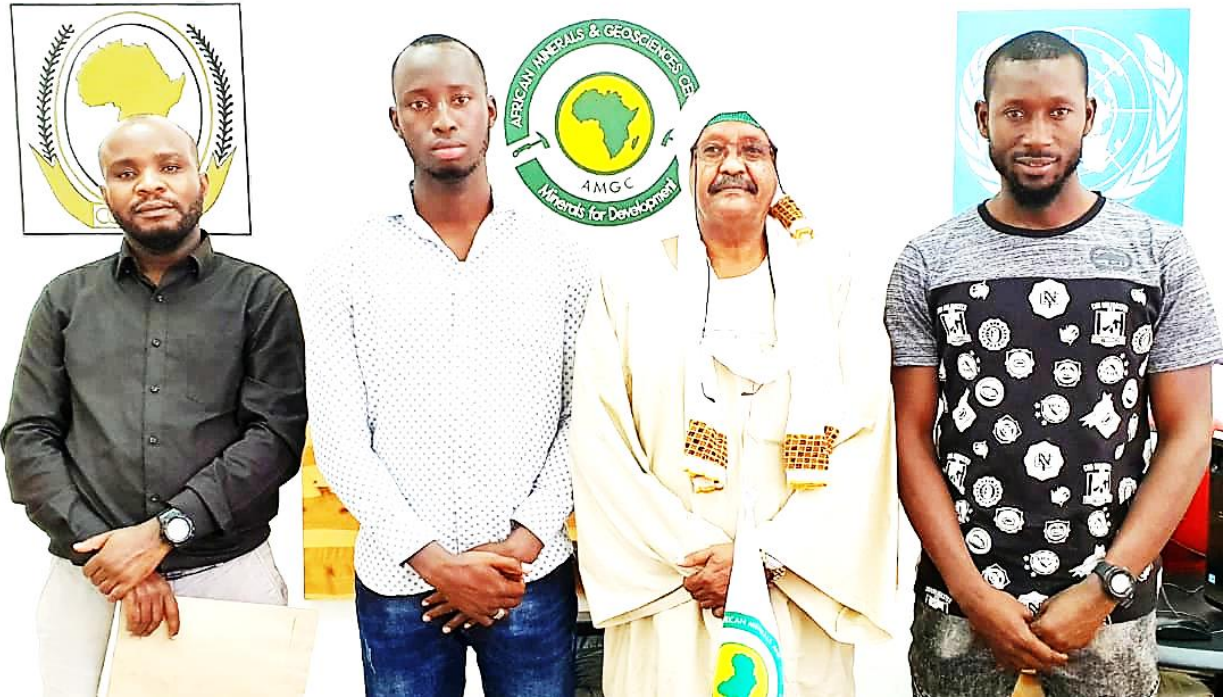
The other major event of the month was the installation of a new XRD machine for the Mineralogy, Petrology and Gemmology Department. This new addition is expected to enhance the services of the Centre. The Centre also received the Charge' D'affaires of the Sudan Embassy in Tanzania and a delegate from Golden Star Mining services Company of Sudan during the month.

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Training on Environmental Management in Mining



Certificate ceremony for two mining inspectors, who are Messrs. Bakary Jammeh and Lamin Nyassi from the Geological Department of the Gambia. The two Gambian professionals attended a training course on Environmental Management in Mining at the African Minerals and Geosciences Centre (AMGC).

Training on Sampling and Sample Preparation for Laboratory Testing



Certificate ceremony for two professionals who are Messrs. Lamin Kanteh and Omar Jabang from the Geological Survey of Gambia. The two Gambian professionals attended an on job training course on Sampling and Sample Preparation for Laboratory Testing organized by the African Minerals & Geosciences Centre (AMGC).

Visit by H.E. Jaafar Nasir Abdalla, the Chargé D'affaires of the Sudan Embassy in the United Republic of Tanzania



H.E. Jaafar Nasir Abdalla, the Charge' D'affaires of the Sudan Embassy in the United Republic of Tanzania paid a familiarization visit to the African Minerals & Geosciences Centre (AMGC) on 9th April 2021. H.E. Jaafar Nasir Abdalla assured the sustainable support of the Sudan to the Centre and he expressed his appreciation for the efforts of the management to maximize the Sudan benefits from 40% reduced paid mineral services provided by the Centre. The Sudan has fulfilled its financial commitment to AMGC for the current financial year July 2020/June 2021. The much appreciated full fulfillment of

financial commitments by both Angola and Sudan as well as the partial fulfillments of Kenya and Uganda to their financial commitments to AMGC have contributed honorably in rescuing the Centre from the current severe financial crisis that it is facing.

Visit by Golden Star Mining services Company Delegation



On 09th April 2021 the African Minerals & Geosciences Centre (AMGC) received a delegation from Golden Star Mining services Company (GSS) comprising Mr. Awad Musa Ibrahim, the General Manager and Mr. Ali Abdelrahman Yahia, the Deputy Manager. The top managers of GSS paid a familiarization visit to AMGC seeking collaboration and cooperation.

New Benchtop X-ray Diffraction (XRD)



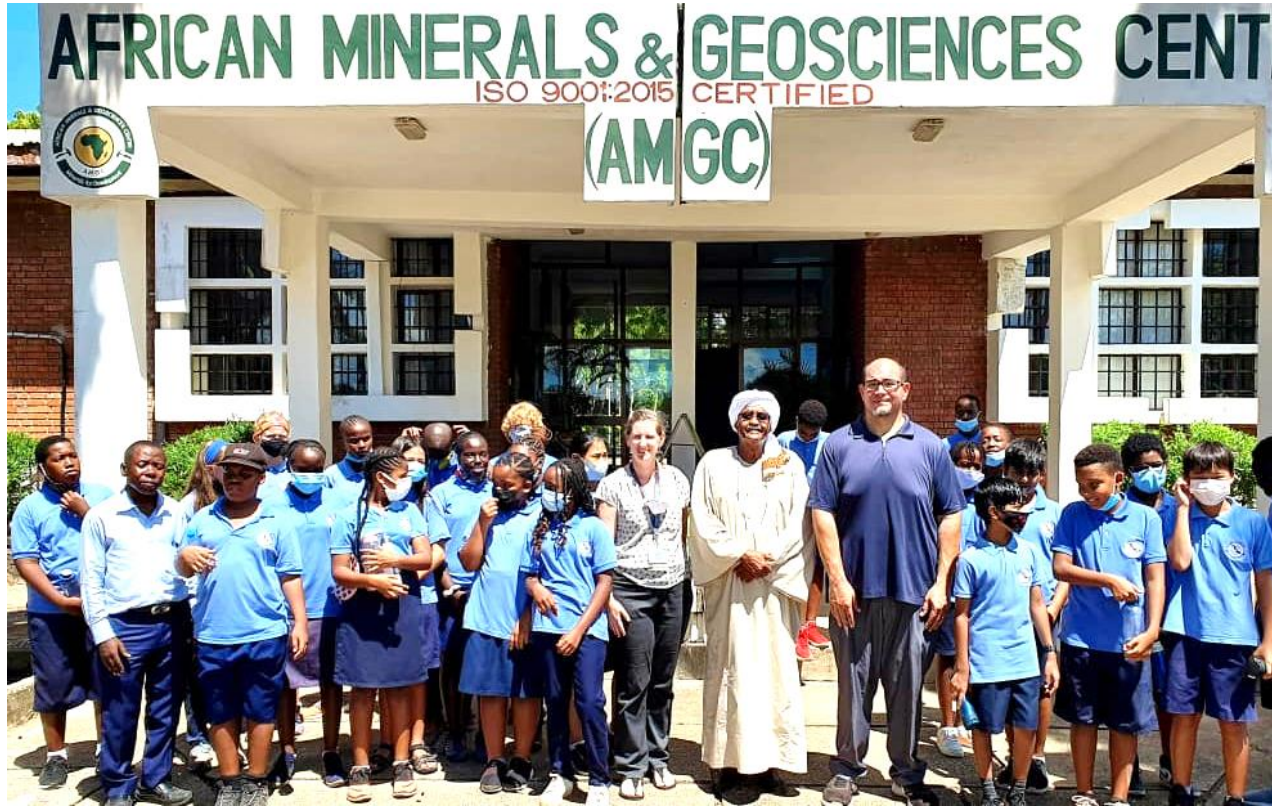
The African Minerals and Geosciences Centre (AMGC) is happy to see finalization of the installation of a new Benchtop X-ray Diffraction (XRD) by WIRSAM South Africa in the Environmental and Chemical laboratories at the Centre today 26th April 2021. The installation of the XRD which was received in March 2020 was delayed due to the fact that the technical person who was supposed to install, commission and provide familiarization training was still in lockdown in South Africa due to COVID-19. In spite of prevailing financial constraints, AMGC purchased the new XRD from its own limited financial resources as part of enhancing the analytical infrastructures, boosting income generation and development of the Centre.

The XRD is an indispensable piece of equipment and one of the essential machines in carrying out mineralogical work especially clay analysis. It will be utilized on the study and characterization of clays, sediments, industrial minerals (Development Minerals), rock ores and archaeological artefacts. The acquisition of the new XRD will enable the Mineralogy, Petrology and Gemology Department (MPGD) at AMGC to provide analytical services to customers who are doing research on minerals and archaeological sites as well as customers in the cement, mining, construction and oil and gas industries. The importance of the equipment is even more appreciated when it comes to the nature of the underdeveloped industrial minerals sector in the region which is vital to the development of any African country. The existing XRD technical expertise at AMGC regarding analysis and training is very crucial to the development of the mineralogical sector in Africa especially on the industrial mineral evaluation.

The old XRD, which was procured in late 1997 up to 2010 when it was not operational has been used widely in the training of experts from most of the countries in the southern and eastern Africa countries like Kenya, Uganda, Tanzania, Zambia, Mozambique, Angola, Ethiopia and Malawi. The old XRD, has been widely used by high learning institutions such as Makerere University and the University of Dar es Salaam on research purposes. Some of the analyses carried out have resulted into establishment of large factory like the Uganda Clay Company, the biggest company in Uganda making tiles and bricks. All the clay samples during exploration program were analyses at AMGC.

The African countries can use the advantage in future if they acquire a XRD machine to train their experts on the newly installed XRD at AMGC. This will to a great extent reduce the amount of fund which would have to be used to train the experts outside Africa.

Haven of Peace Academy (HOPAC) Students Study Tour to AMGC



A group of teachers and Students from Haven of Peace Academy (HOPAC) in Dar es Salaam, Tanzania has paid a visit to the African Minerals & Geosciences Centre (AMGC) on 27 April 2021th at 10:30 a.m. The students are studying geology and the rock cycle and the tour to AMGC facilities is of great benefit to them for exploring the facilities and to know what type of mining, rocks, and minerals are common to Tanzania

Congratulatory Message



AMGC has the honor to congratulate Mr. Elsadig Ibrahim Elhag for being appointed the Director General of the Ariab Mining Company, Sudan. Mr. Elsadig has been an engineer with over 24 year experience in a variety of fields including engineering & projects management, operation and logistic, sales and marketing, mining management, mostly related to the petroleum industry.

Appreciation Message



AMGC has the honor to thank Mr. Magzoub El Hassan, the outgoing Director General of the Ariab Mining Company for his tremendous support by sending a number of Ariab Alumni for training at AMGC as well as the timely payment of subscriptions of the Sudan to the Centre.

LIST OF TRAINING COURSES

“Tanzanian government has waived all restrictions and the COVID-19 Free Certificate will not be required anymore, but travelers will be subject to enhanced screening for COVID-19 infection. There will not be Mandatory Quarantine upon arrival.”

AMGC is happy to inform all that it has started online training on some of the courses it provides. Below is the list of the training courses offered by AMGC.

Those who are interested to participate in the training courses at AMGC facilities are advised to consult the airline they plan to travel with about the current requirements of travel to Tanzania when planning the trip to Dar es Salaam.

Training Topics	Onsite	Online	Duration	Fee
Chemical and Environmental Services				
Spectrometric Methods of Analysis.	✓		2 Weeks	\$800
Analysis of Gold and Other Base Metals	✓		2 Weeks	\$800
Quality Management				
Laboratory Certification and Accreditation	✓	✓	2 Weeks	\$1,500
Modern Laboratory Management Methods	✓	✓	2 Weeks	\$800
Quality Control and Quality Assurance in Laboratories	✓	✓	2 Weeks	\$1,500
Mineralogy, Petrology and Gemmology Services				
Mineralogical and Petrological Sample Preparation and Analytical Techniques	✓		2 Weeks	\$800
Gemstone Identification Techniques	✓		1 Week	\$400
Gemstone Value Addition Techniques	✓		2 Weeks	\$800
Usage of Benchtop X-ray Diffraction (XRD)	✓		2 Weeks	\$800
Gemstone formation, mode of occurrences and mining methods	✓		2 Weeks	\$800
Industrial Minerals Application Services				
Pottery for Beginners	✓		2 Weeks	\$800
Mould Making	✓		2 Weeks	\$800
Forming Techniques	✓		2 Weeks	\$800
Decorations in Pottery and Ceramics	✓		2 Weeks	\$800
Bricks & Tiles Manufacturing [Clays]	✓		2 Weeks	\$800
Glaze Formulation	✓		2 Weeks	\$800
Body Composition Formulation	✓		2 Weeks	\$800

Online Training Courses

Mineral Processing and Small-scale Mining Services				
Practical Mineral Processing and The Basic Mineral Processing Flowsheet	✓	✓	2 Weeks	\$800
Sampling and Sample Preparation for Laboratory Testing	✓		2 Week	\$800
Artisanal and Small Scale Mining Activities	✓		2 Weeks	\$800
Techniques of Gold Cyanidation	✓		1 Week	\$400
Mineral Economics	✓		2 Weeks	\$800
Metallurgical Balance and Process Evaluation	✓		2 Weeks	\$800
Extractive Metallurgy – Metallic Ore Deposits, Metal Extraction and Purification Processes	✓		2 Weeks	\$800
Environmental Management in Mining	✓	✓	1 Week	\$400
Geo-information Services				
GIS and Remote Sensing for Mineral Exploration and Geological Mapping	✓	✓	2 weeks	\$800
Data Integration and Mineral Targeting	✓	✓	2 weeks	\$800
Geostatistics Application in Geology	✓	✓	2 weeks	\$800
Web mapping	✓	✓	2 weeks	\$800
Geohazards	✓	✓	1 week	\$400
Open Source GIS	✓	✓	2 weeks	\$800
Image Processing using ERDAS Imagine	✓	✓	2 weeks	\$800
Geoheritage / Geoparks	✓		On Request	
Geo-safari – Geo-traverse across the Pan-African terrains: Tanzanian Craton, Greenstone belt, East African Rift Valley, the Kibaran and Mozambique belts.	✓		On Request	



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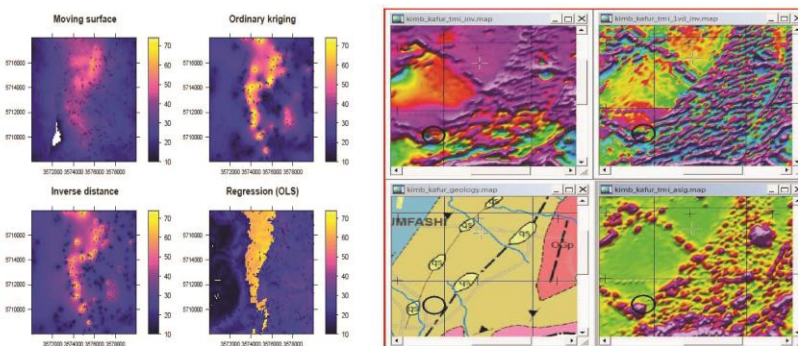
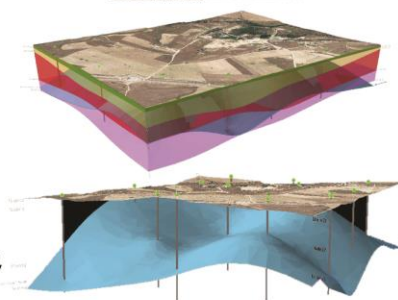
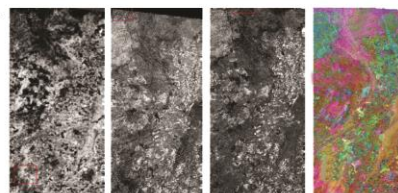


GEO-INFORMATION SERVICES

- Geo-science Data Processing and Management: provision of training and consultancy services on the utilisation of advanced GIS and data processing techniques for mineral application
- Dissemination and Promotion of Georesources information of the Member Countries to the public through internet

TRAINING AND CAPACITY BUILDING IN GEO-INFORMATION MANAGEMENT

- GIS and Remote Sensing for Mineral Exploration and Geological Mapping
- Geophysical and Geochemical Data Processing and Interpretation
- Mineral Exploration and Resource /Reserve Estimation
- Data Integration and Mineral Targeting
- Geostatistics Application in Geology
- Web mapping
- Geohazards
- Geoheritage sites of Tanzania
- Geo-safari – Geo-traverse across the Pan-African terrains: Tanzanian Craton, Greenstone belt, East African Rift Valley, the Kibaran and Mozambique belts.



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