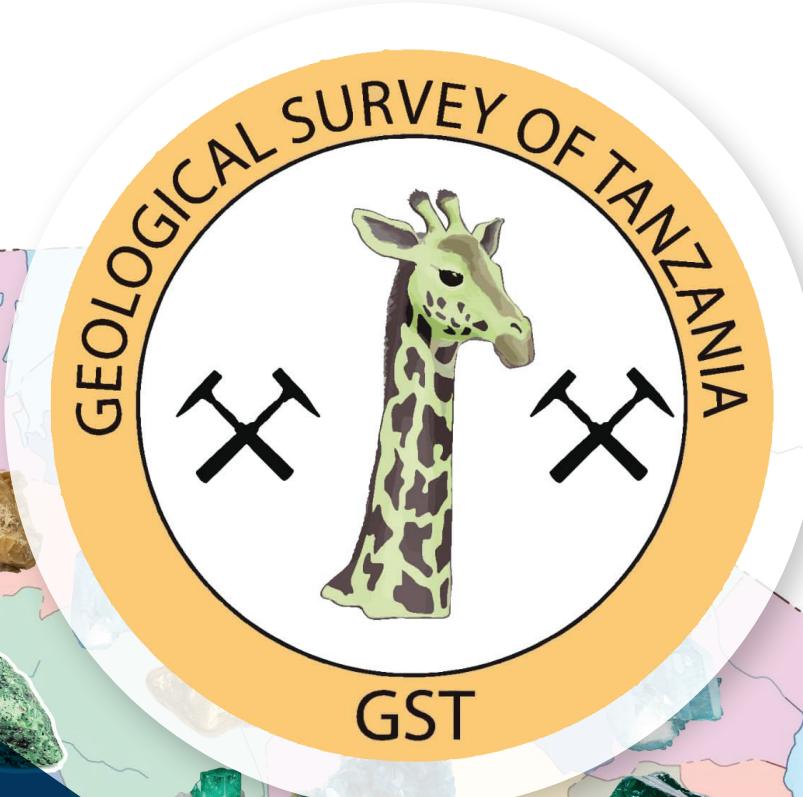


GEOLOGICAL SURVEY OF TANZANIA (GST)



GST PROFILE

www.gst.go.tz

WELCOME TO **GST**



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About GST

The Geological Survey of Tanzania (GST) is the Government Institution established under the Mining Act CAP 123. The GST is responsible for acquiring, processing, interpreting, archiving and disseminating National geoscientific data to various stakeholders. In the course of undertaking these activities, the Institution aims to promote and attract investment in different sectors especially mining. The GST hosts the best mineral, environmental and geotechnical laboratories offering various analyses and tests on the same.



We are envisioned to be a Customer Focused Centre of Excellence in providing geoscientific data, information and services for national development. We are the oldest best geoscientific institution in East and Central Africa, providing geoscientific services since 1925.

By having more than 97 years of experience on mineral exploration, laboratory analyses, environmental studies, geoscientist researches, geohazards management, geotechnical studies, geo-scientific data interpretation and resource estimation, the GST offers technical consultancy services on the aforementioned areas.

We are also the custodian of National geoscientific data and information collected over the past 97 years. The data and information at our disposal include geoscientific maps and reports, peer viewed papers, various publications on mineral occurrences, countrywide low resolution geophysical data and high resolution geophysical data. In line with the archived data, the GST hosts a core shed with core drills collected across the country, leave along a national geological museum with various minerals and rocks

Due to presence of the huge amount of geoscientific data and information at GST, mineral exploration firms, miners, construction and water drilling companies, and other related earth resource stakeholders need not to survey the country's vast land but end at the one stop geoscientific centre, the Geological Survey of Tanzania.

The Institution is under the Ministry of Minerals with its main office centered in capital city of Tanzania, Dodoma.



Our Products

The GST provides a number of services and goods related to mineral exploration and mining, construction, agriculture, water resources and other earth resources. The following are services and goods offered by GST

GST PRODUCTS



1. Geological Services

The main geological services offered include regional geological mapping; mineral explorations; Preparation of geo-scientific maps of various scales; Assessment of geo-hazards (earthquakes, landslides, volcanic eruptions); geotechnical surveys in construction and mining industry, geoscientific researches and consultancy services to various stakeholders including those in mining, construction water resources and the learning institutions.



2. Laboratory Services

GST Geo-Laboratory- ISO/IEC 17025:2017 ACCREDITED

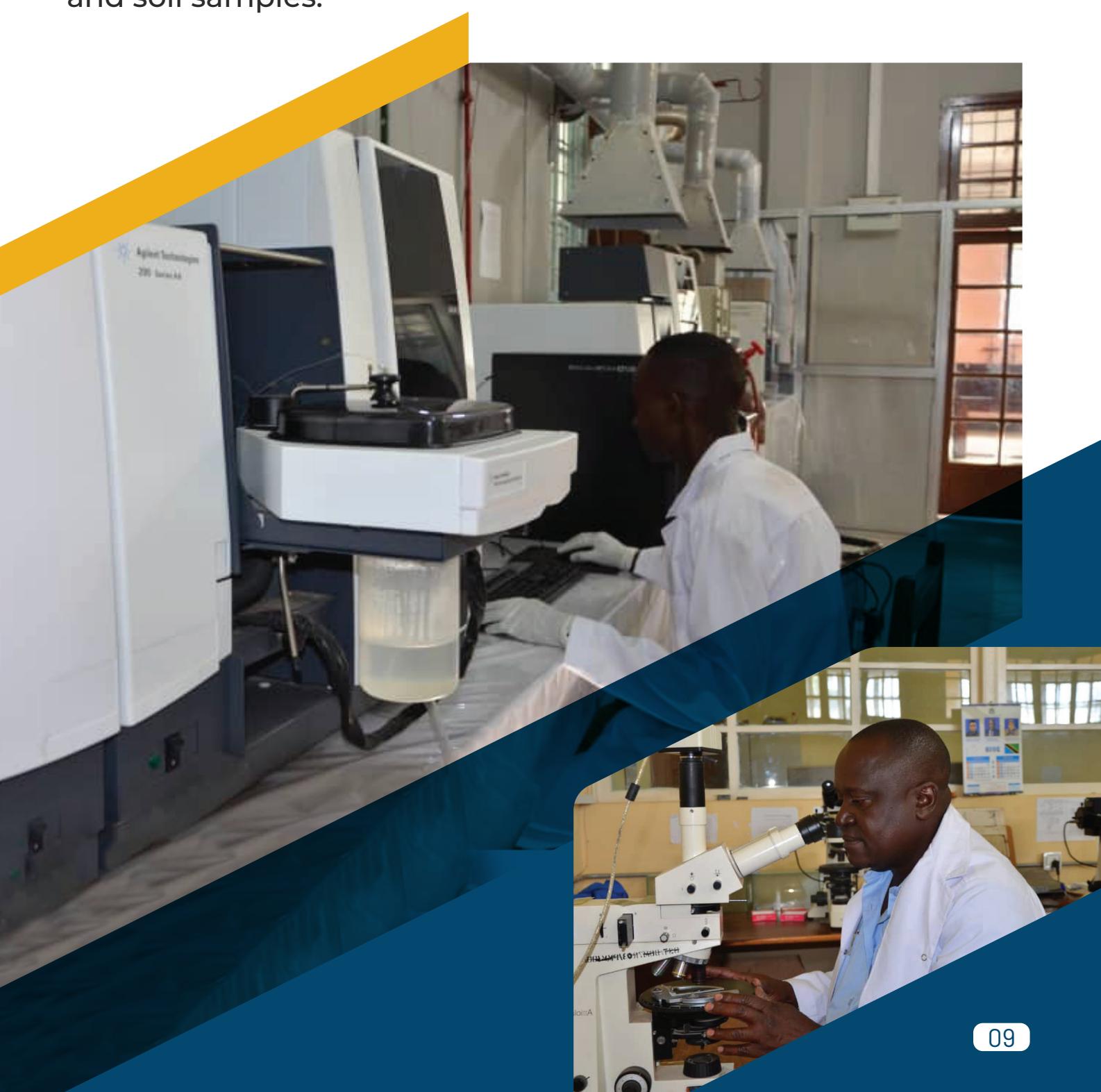
Founded more than 95 years ago, is the East and Central Africa's leading Mineral Laboratory serving different sectors particularly Mining Construction and Environment. The lab is known for its responsiveness to customer needs, state-of-art analytical equipment, and accurate results from accredited methods, competitive price and flexibility in its approach.

The lab has a mix of talented and experienced scientists and support staff which has created both customer loyalty and sustainable growth.

The GST lab has four interdependent sub section laboratories which are Mineral Processing Laboratory, Geochemical Laboratory, Geotechnical Laboratory, Environmental Laboratory and Petrology/Mineralogy Laboratory.

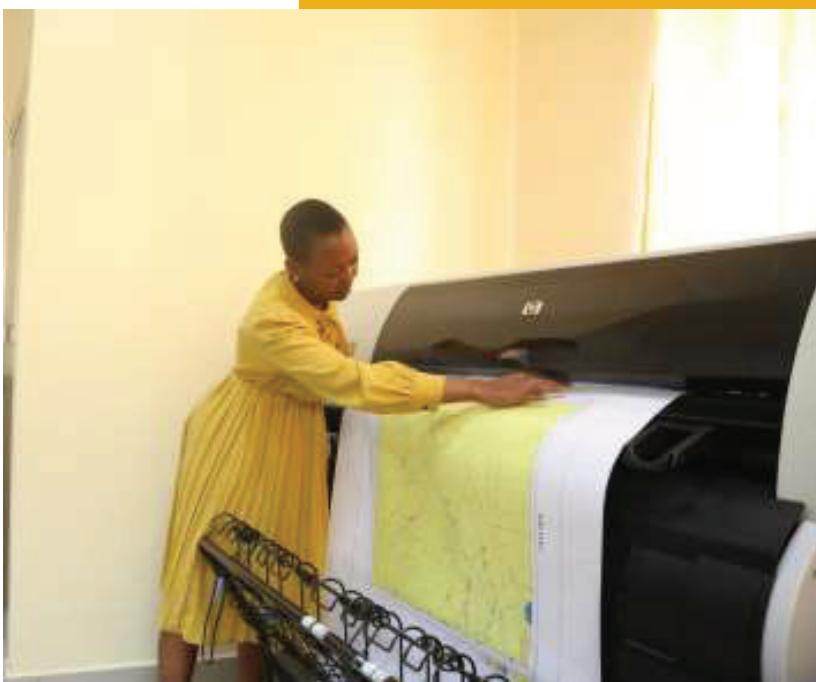


Some of services provided by the GST lab include sample analysis for geological and geochemical materials; metallurgical tests for efficient mineral beneficiation and metal extraction; petrographic and gemological studies; geotechnical tests of rocks and soils for construction projects and mining applications; elemental analyses (cations) for geological, geochemical and environmental samples; and analyses of Anions for water, rocks and soil samples.



3. Database and Information services

The major services offered include Cartographic services; Remote Sensing related services; Modern geo-scientific library services; Archive services; Geological museum services; Dissemination of geo-scientific publications, maps, data and information; and data processing and interpretation services.



4. Crucible

A new GST product designed for gold analysis using fire assay method. Our product is high temperature resistant (up to 1400 C), can be used in more than two rounds/tests and offered at a competitive price.



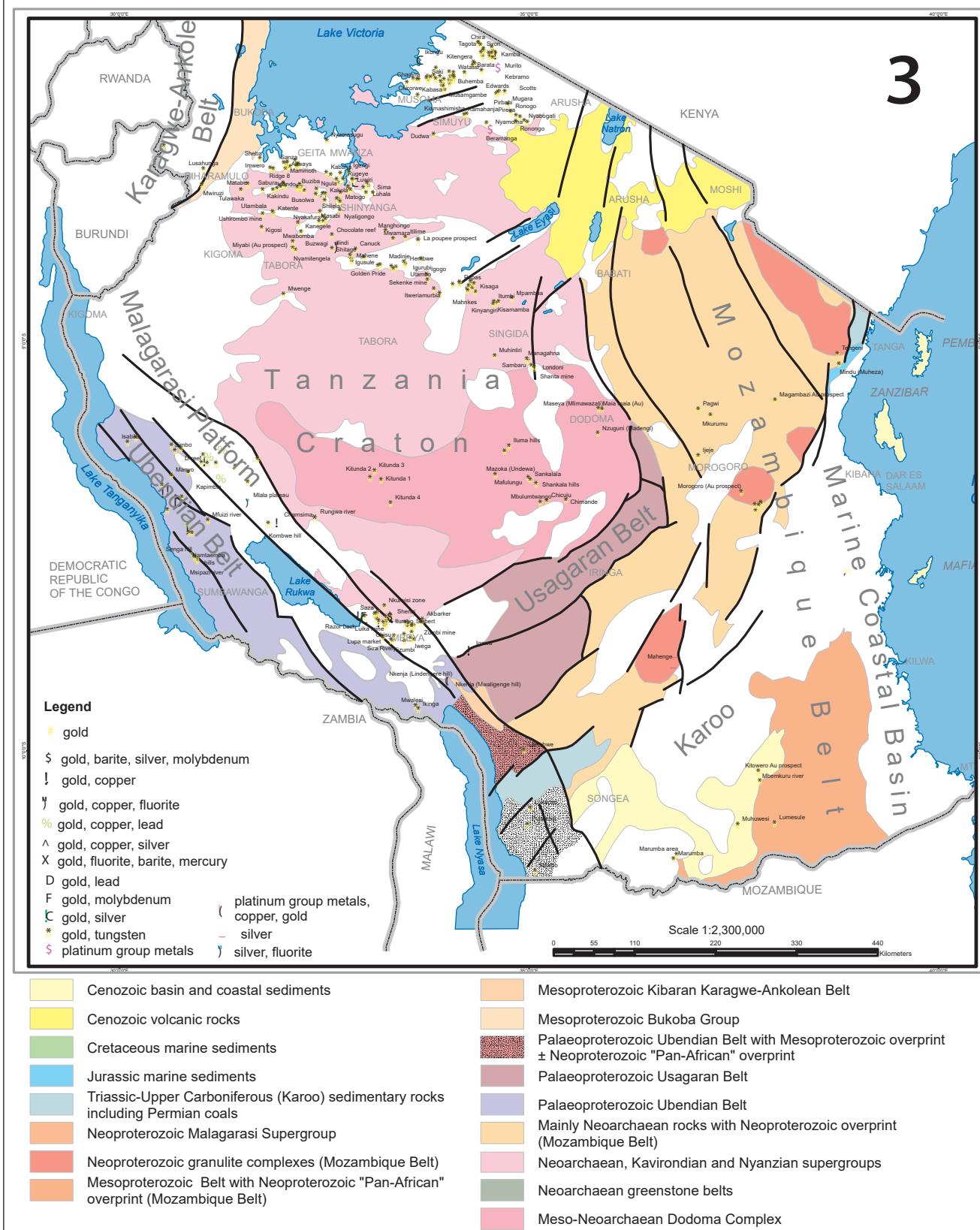
Mineral potentials in Tanzania

RARE EARTH ELEMENTS MAP



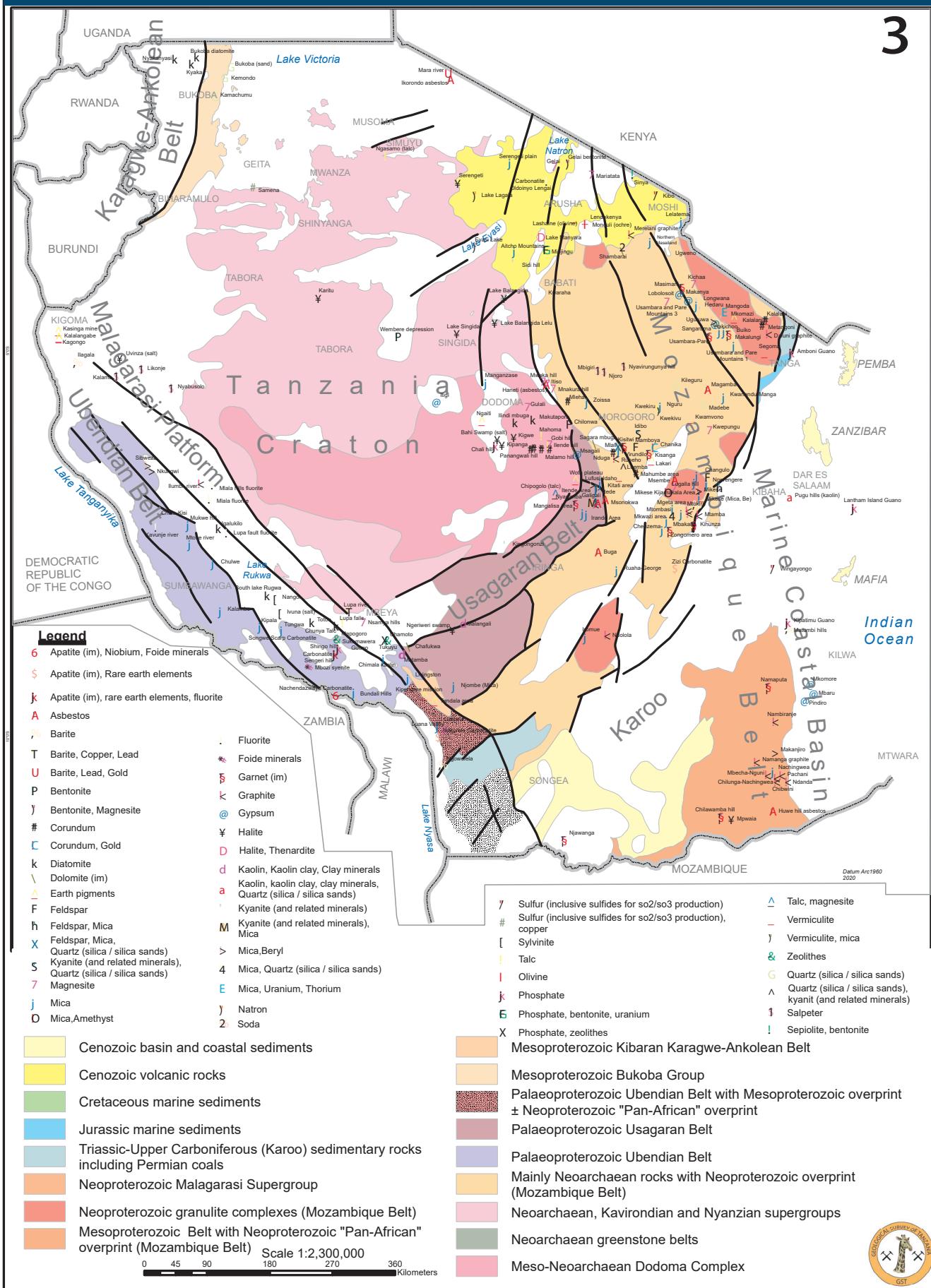
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PRECIOUS METALS MAP



INDUSTRIAL MINERALS MAP

3



Scan the QR Codes below for more details

**MINERAL
POTENTIAL OF TANZANIA**



**MINING & GEOLOGY
IN TANZANIA**



**DATA FOR MINING
DEVELOPMENT IN
TANZANIA**



**GEO-TOURISM
IN TANZANIA**



**GEOLOGICAL SURVEY
OF TANZANIA (GST) -
PROFILE**



**IJUE TAASISI YA JIOLOJIA
NA UTAFITI WA MADINI
TANZANIA (GST)**



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