

2025



**TANZANIA MINERALS TOURISM INFORMATION CENTRE**  
**(TMTIC)**

**COMPANY PROFILE**

Minerals are the **PMML** Essence of Life and Wealth

**CONTACT INFORMATION**

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# TANZANIA MINERALS TOURISM INFORMATION CENTRE (TMTIC)



## Pioneering Global Minerals and Geo-Experience and Sustainable Development

The **Tanzania Minerals Tourism Information Centre (TMTIC)** is the premier Tanzanian entity dedicated to fusing the country's significant geological and mineral wealth with the world-renowned tourism sector. We offer **high-value, expertly curated Minerals and Geo-Safaris and educational programs** to an international clientele, driving economic diversification and ensuring the responsible stewardship of Tanzania's unique geological heritage.

### 1. Company Identity & Strategic Intent Minerals are the Essence of Life and Wealth

<i>Attribute</i>	<i>Detail</i>
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<b>Official Name</b>	Tanzania Minerals Tourism Information Centre (TMTIC)
<b>Legal Status</b>	For-Profit Entity
<b>Registration Authority</b>	Business Registrations and Licensing Agency (BRELA No. 611530)
<b>Parent Entity</b>	Progressive Metallic Minerals Company Limited (PMMCL)
<b>Sector Focus</b>	Global Minerals, Geotourism, Experiential Education, Sustainable Economic Diversification, and Mineral Conservation.
<b>Ambition</b>	To establish TMTIC as the <b>prestigious global destination</b> for mineral tourism, advanced research, and geological education, celebrating and responsibly developing Tanzania's geological assets for long-term national benefit.

### 1.5. Parent Company Credibility: PMMCL Overview

TMTIC was established by the **Progressive Metallic Minerals Company Limited (PMMCL)**, a respected leader in Tanzania’s mining sector since its founding in **2009**. The creation of TMTIC was catalyzed by the high public interest generated by the mineral gallery at PMMCL's headquarters, demonstrating a clear demand for dedicated mineral tourism.

#### PMMCL provides TMTIC with a foundation of:

- i. **Established Operational Excellence:** Expertise in the exploration, extraction, and processing of metallic, industrial, and rare earth elements within Tanzania.
- ii. **Financial & Regulatory Integrity:** A proven track record as an established entity operating within strict national and international mining compliance standards.

- iii. **Commitment to Sustainability:** A core principle guiding PMMCL is to develop Tanzania's mineral wealth in a way that is both economically prosperous and environmentally sustainable, directly feeding into TMTIC's mission of conservation and responsible tourism.

## 2. Vision and Mission

### Vision

To establish **Tanzania as the world's leading hub** for high-value Minerals and geotourism, leveraging our exceptional geological, mineral, and palaeontological heritage to fuel sustainable economic diversification and attract a new class of international visitor.

### Mission

To bridge the economic and educational sectors of Mining and Tourism in Tanzania by developing **safe, high-integrity, and expertly guided Geo-Safaris and educational platforms**. Our core commitment is to provide authentic, immersive experiences that deliver direct, sustainable benefits to local communities and advance geological conservation efforts.

## 3. Core Offerings & Strategic

TMTIC's operations are structured to deliver unique, comprehensive experiences that integrate education, high-end entertainment, and investment insight.

- i. **Premium Guided Geo-Safaris:** Expert-led expeditions offering exclusive access to sites of global geological significance, including carefully managed visits to select mining operations (e.g., the **Tanzanite Mines in Merelani**) and globally recognized geological parks (e.g., the **Ngorongoro-Lengai UNESCO Global Geopark**).

- ii. **Mineral Exhibitions & Knowledge Hub:** Hosting international-standard exhibitions to showcase the stunning beauty and commercial value of Tanzanian minerals. TMTIC acts as the central information clearinghouse for geological knowledge, fostering educational exchange through workshops and seminars on responsible mining and sustainable tourism.
- iii. **Specialized Workshops & Seminars:** Facilitating high-level programs on responsible mining practices, sustainable tourism, geological investment pathways, and advanced mineralogy for academic and commercial stakeholders.
- iv. **Minerals and Geotourism Information Centre:** Serving as the definitive resource for comprehensive, verified information on Tanzania’s diverse geological sites, promoting responsible visitation and raising international public awareness.
- v. **Community Integration Programs:** Implementing initiatives (such as the "Miss Mineral Tourism Tanzania" pageant and the “Mineral & Geo-tourism Marathon”) that foster local pride and create cultural exchange opportunities, directly linking the value of geological heritage to local economic prosperity.

#### 4. Value Proposition for International Partners

Partnering with TMTIC offers unique access to Tanzania’s mineral wealth through a structured, safe, and academically rigorous framework, moving beyond conventional wildlife tourism. We pioneer **Geo-Economic Tourism**, promising an experience that blends high-level education, unique access, and new investment potential.

Partner Benefit	Description	Target Audience
<b>Exclusive Site Access</b>	Carefully selected, expert-vetted tours of active and former mining operations, providing firsthand insight into mineral extraction and processing.	Major Tour Operators, Educational Institutions, <b>Industry Investors</b>
<b>Unparalleled Expertise</b>	Access to specialized, interdisciplinary workshops on economic geology, sustainable practices, and the mineral supply chain.	<b>Research Institutions</b> , Corporate Travel, Gemological Societies

<b>Direct Impact</b>	<b>Local</b>	Opportunities for CSR and ethical sourcing by investing in programs that channel tourism revenue directly to mining-adjacent communities and local artisans.	<b>Ethical Investors, NGOs, International Development Partners</b>
<b>Curated Mineral Retail</b>		A high-integrity retail space offering authenticated, locally sourced mineral samples and artisanal jewelry, ensuring quality and supporting the local value chain.	High-End Tourism, Specialized Buyers

### 5. TMTIC Flagship Facilities (Planned/Operational)

TMTIC is developing a state-of-the-art physical center designed to provide an immersive, world-class visitor and research experience.

- i. **Global Mineral Gallery:** The centerpiece, a stunning, curated collection showcasing Tanzania's complete mineral wealth, from **Tanzanite and Gold** to industrial minerals, with detailed, multilingual scientific exhibits.
- ii. **Interactive Minerals and Geotourism Lounge:** A dedicated digital space with interactive maps, 3D geological models, and presentations to aid visitors and researchers in planning complex Minerals and geotourism and field excursions.
- iii. **Guests' Reception & Booking Centre:** The welcoming point of contact for tour information, reservation, and compliance briefing for all Geo-Safaris.
- iv. **Ethical Retail & Gemological Shop:** A retail outlet offering verified, locally sourced mineral specimens and handcrafted jewelry, ensuring a direct economic link to community artisans.

### 6. Stakeholder Engagement & Strategic Collaborations

TMTIC's operational integrity and success rely on cohesive, high-level partnerships across the public and private sectors.

#### Direct Government Support

Critical support is derived from key government bodies, ensuring regulatory compliance, safety oversight, and management of national geological assets:

- i. **Ministry of Minerals (MoM):** Official recognition and oversight for all mineral-related activities.
- ii. **Ministry of Natural Resources and Tourism (MNRT):** Collaborative development and promotion of the Geo-Safari sector.

### **International Collaboration Network**

We actively seek and maintain partnerships across the global value chain to enhance outreach, research, and adherence to international standards:

- i. **Tour & Hospitality:** Strategic alliances with international tour companies and hotel groups to package and market high-value Minerals and geotourism to global audiences.
- ii. **Academic Institutions:** Joint programs for specialized research, curriculum development, and field training in geology, palaeontology, and sustainable development.
- iii. **Media & Promotion:** Partnerships with international travel and science media to enhance Tanzania's visibility as a premier geotourism and research destination.
- iv. **Mining Sector:** Collaborations with major and artisanal mining entities to secure safe site access, integrate local expertise, and ensure community benefit-sharing.
- v. **NGOs & Conservation Bodies:** Continuous engagement to align all operations with rigorous environmental, social, and conservation best practices.

### **7. Key Geotourism Assets: The Core Offering**

TMTIC's tours leverage direct access to a diverse, globally significant portfolio of geological, palaeontological, and cultural sites across its core operational routes.

### The Northern Geo-Circuit (Arusha Region)

This circuit is centered on the **Ngorongoro-Lengai UNESCO Global Geopark**, focusing on active volcanic systems, deep human history, and unique caldera ecosystems.

- i. **Palaeontology & Tectonics:** Guided tours of **Olduvai Gorge** (The Cradle of Mankind) and the **Laetoli Footprints** (hominid) to explore exposed volcanic beds, early human evolution, and the spectacular **Great Rift Valley** fault systems.
- ii. **Volcanology & Landscape Geology:** Expeditions to the iconic **Ngorongoro Crater** (the world's largest intact caldera), **Mount Meru** (a stratovolcano), the active **Ol Doinyo Lengai** (unique carbonatite lava), and the alkaline **Lake Natron**. **Mount Kilimanjaro**, Africa's highest peak, is also a key asset for volcanic and glacial studies.
- iii. **Ecology & Water Systems:** Integration of sites like **Lake Manyara**, **Momella Lakes**, and the **Tarangire River System** to study the interplay of geology, hydrology, and unique ecosystems (e.g., flamingos, baobab trees).
- iv. **Geopark Routes:** Offering specialized, full-day Geo-Safaris across the four official Geopark routes (North, Caldera, South, Ol Doinyo Lengai), each led by certified geological guides.

### The Central Heritage Route (Dodoma/Iringa Region)

A route designed to showcase deep continental crust geology, rare mineralogy, and UNESCO-listed cultural heritage, promoting tourism decentralization.

- i. **Global Mineralogy:** Expeditions to **Mautia Hill**, the world's only known natural occurrence of the rare mineral **yoderite** in the presence of quartz, a crucial site for petrologists and mineral enthusiasts.
- ii. **Ancient Crust & Erosion:** Tours of the massive, distinctive granite **Kopjes** (Lion Rock/Simba Hill) of the ancient Dodoma Schist Superterrane, and the impressive sandstone pillar formations at the **Isimila Stone Age Site**.
- iii. **Geo-Archaeology:** Access to the **Kondoa Irangi Rock-Art Sites** (UNESCO World Heritage), studying the geology of the rock shelters themselves and exploring the Palaeolithic history of the region.

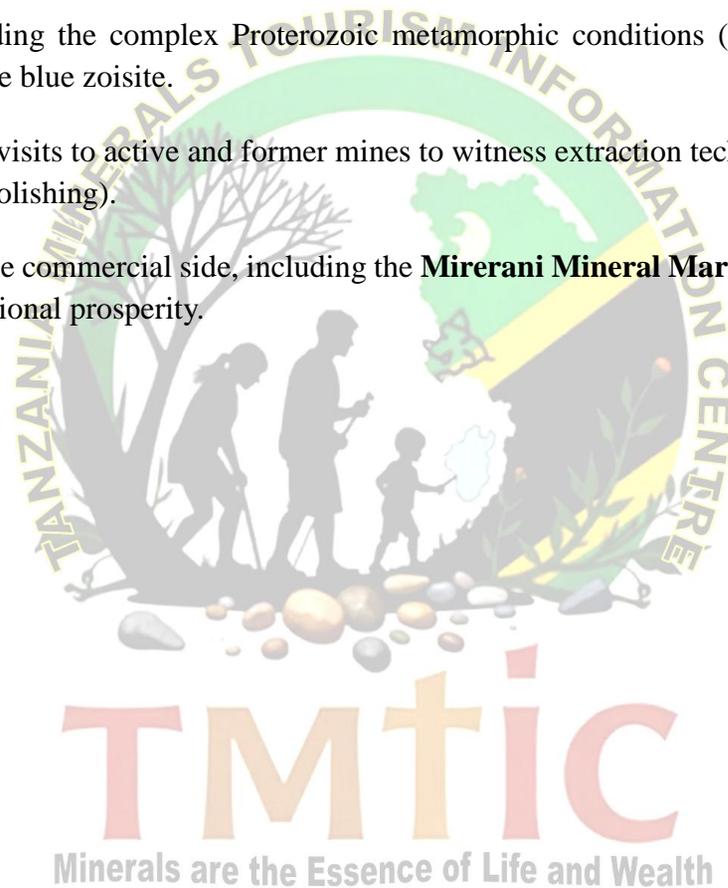
## Exclusive Gemstone Geology: Tanzanite Mine Experience

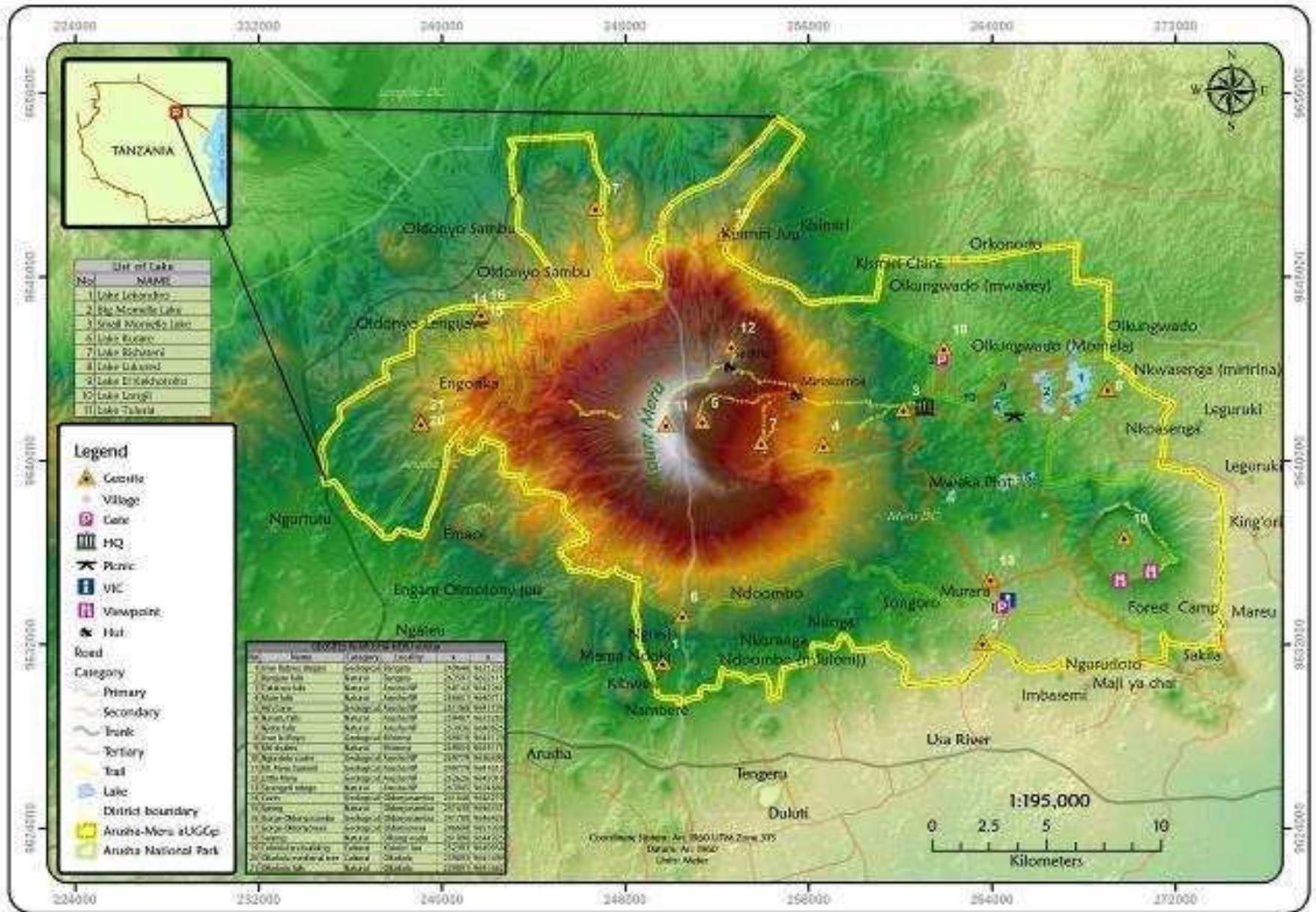
This is TMTIC's core, proprietary offering: an immersive educational experience at the source of the world's only Tanzanite, complementing tours focused on gold mining (e.g., Lake Victoria Goldfields) and other key metallic minerals.

- i. **Geological Context:** Understanding the complex Proterozoic metamorphic conditions (Usagaran System) of the **Merelani Formation** that created the unique blue zoisite.
- ii. **Integrated Tours:** Managed site visits to active and former mines to witness extraction techniques, followed by insight into the value-addition process (cutting, polishing).
- iii. **Economic Geology:** Exploring the commercial side, including the **Mirerani Mineral Market**, to understand the stone's critical economic impact on local and national prosperity.

## 8. Tourists' Attractions Gallery

### Arusha Meru Geopark







*Layered deposition of ash, lava, and pyroclastic materials as observed on the scar walls of Mt. Meru.*



*The ash cone as viewed from the summit ridge of Mt. Meru. Gently dipping layers of well-bedded lavas on the western wall of the Mountain (Picture by Roger Scoon).*



*Hummock terrain of the Momella DAD on the lower slope of Mt. Meru.*



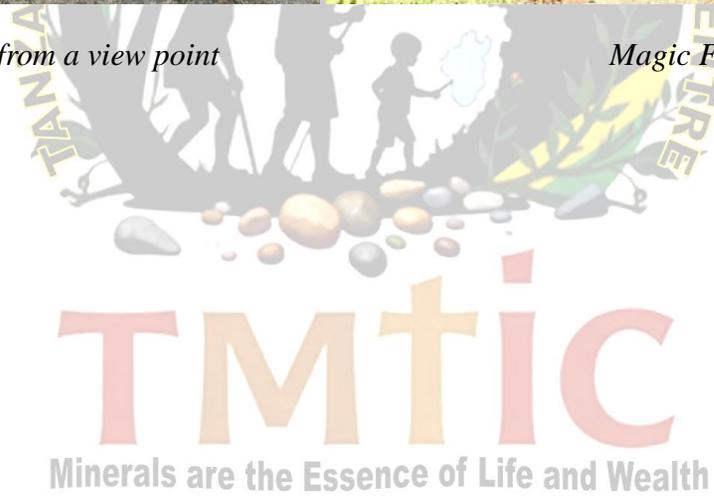
*Tululusia Waterfall, one of the most accessible and famous geosites in Arusha-Meru Geopark. The walls dispose of different deposition facies related to Momella DAD*



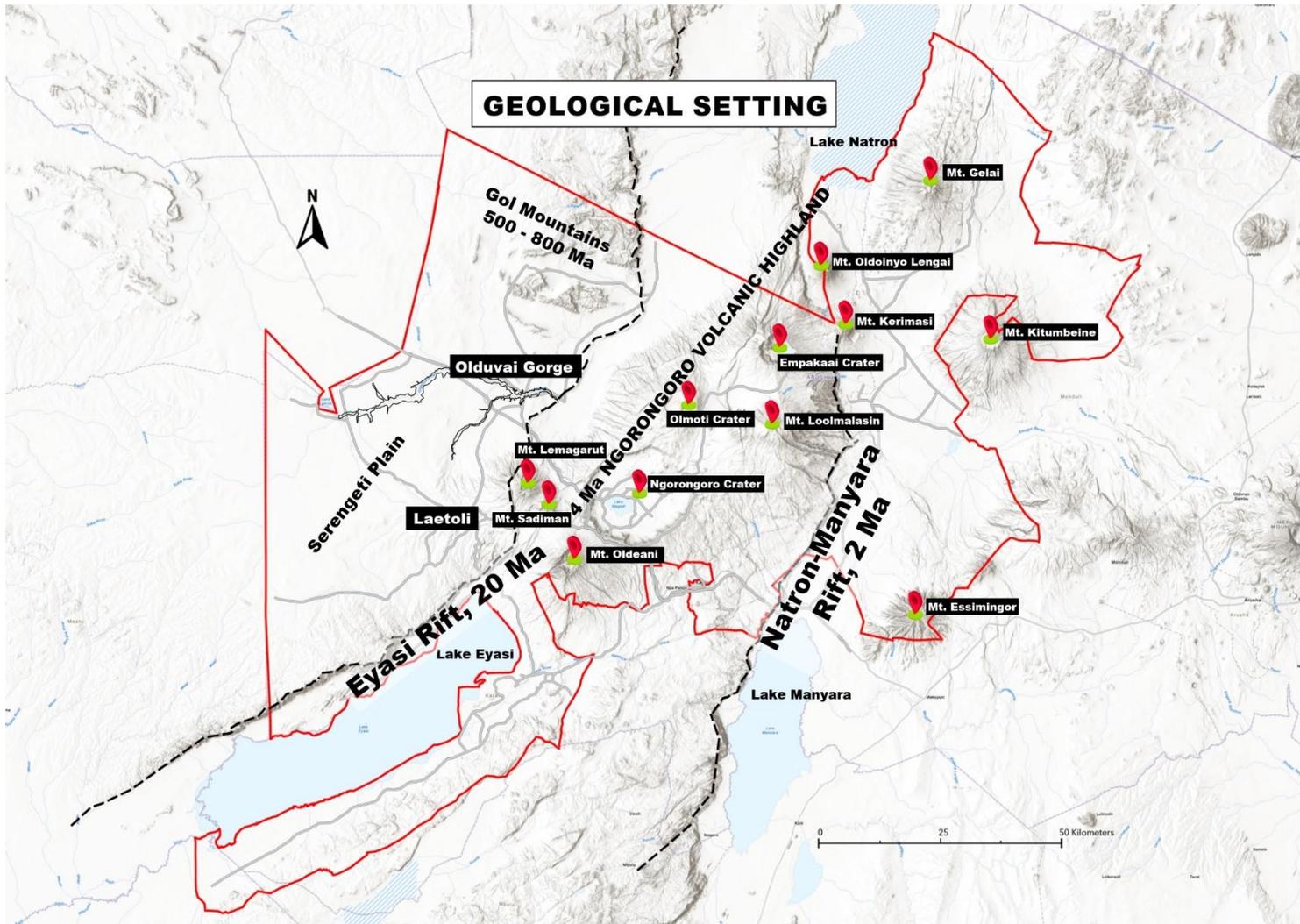
*Momella Lakes from a view point*



*Magic Fig Tree Arch*



**Ngorongoro Lengai Geopark**



*The Geopark is situated in the Northern Circuit of Tanzania (East Africa)*

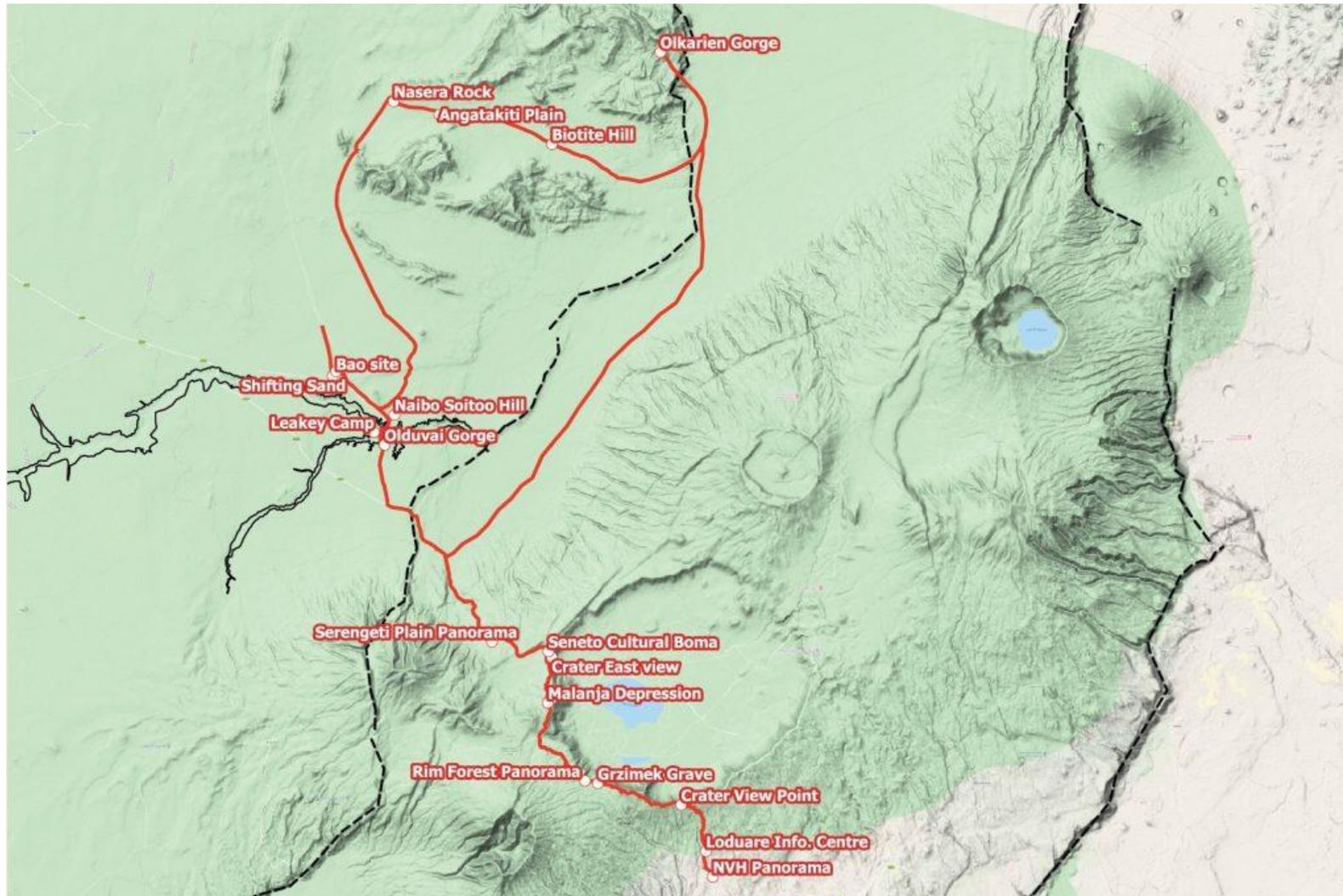


### *Cultures*

*The Ngorongoro-Lengai Geopark is home to multiple ethnic groups; the Maasai being the most prominent, having migrated south-east from the Nile area in the 18th century.*

## GEO-ROUTES

### North Route



**Unique features the North Route**

*Ngorongoro Volcanic Highlands Panorama*



*Loduar Gate and Information Centre*



*Grzimek Grave*



*Rim Forest panorama*



*Ngorongoro Crater View*



Senet Cultural Boma



*The Leakey Camp*

Soitoo Quartzite Hills



Nasera Rock

*Bao Site*



*Crystal Biosite Hills*



The Gol Mountains



*Ngorongoro Crater Panorama*



Angatakiti Panorama



*Olduvai Gorge and Museum*



The Malanja Depression



*Shifting sands*



## The Caldera Route



## Unique features the Caldera Route

*Seneto Spring    Datoga Graves*



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*Old German House* | The Lerai Forest



*Lake Magadi*



Hippo pool



*Munge River and Water Fall*



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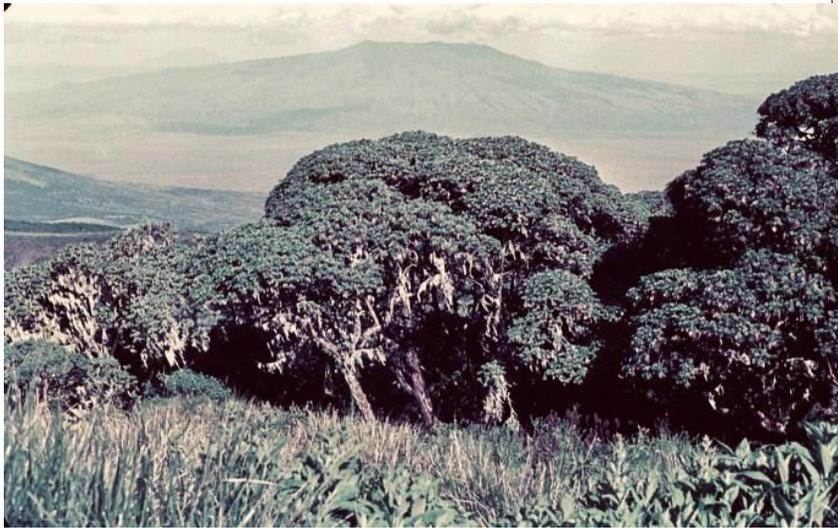
Irkepus Village Panorama



*Travetine Forest*



Acacia Rim Site



*Datoga Sacred Tree*



Ngoitoktok Spring



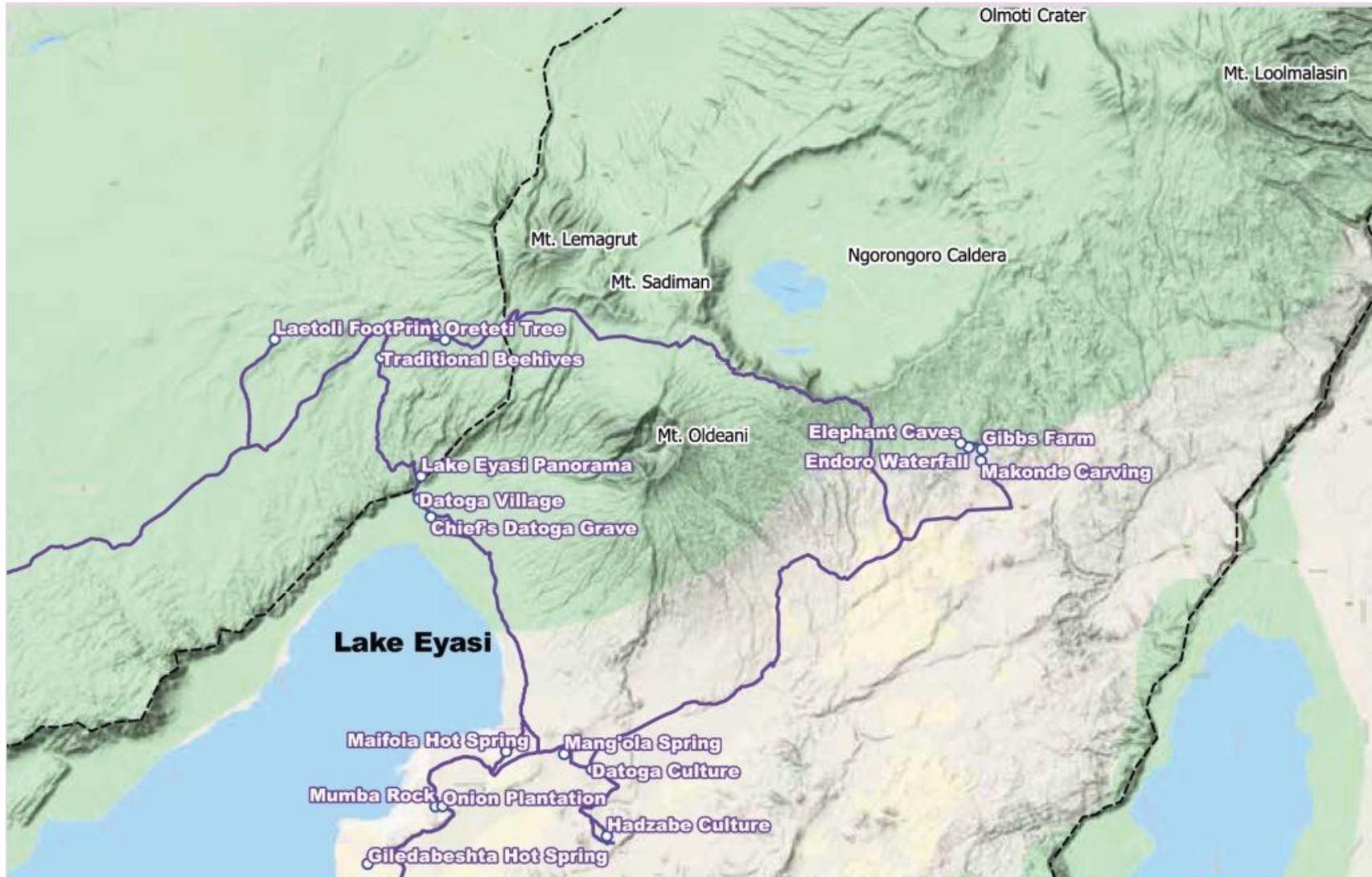
*Round Table Hill*



Olmoti Crater and Waterfall



**The South Route**



Unique features the South Route

*Lake Eyasi Panorama Man'gola Spring*



*Mumba Rock shelter*



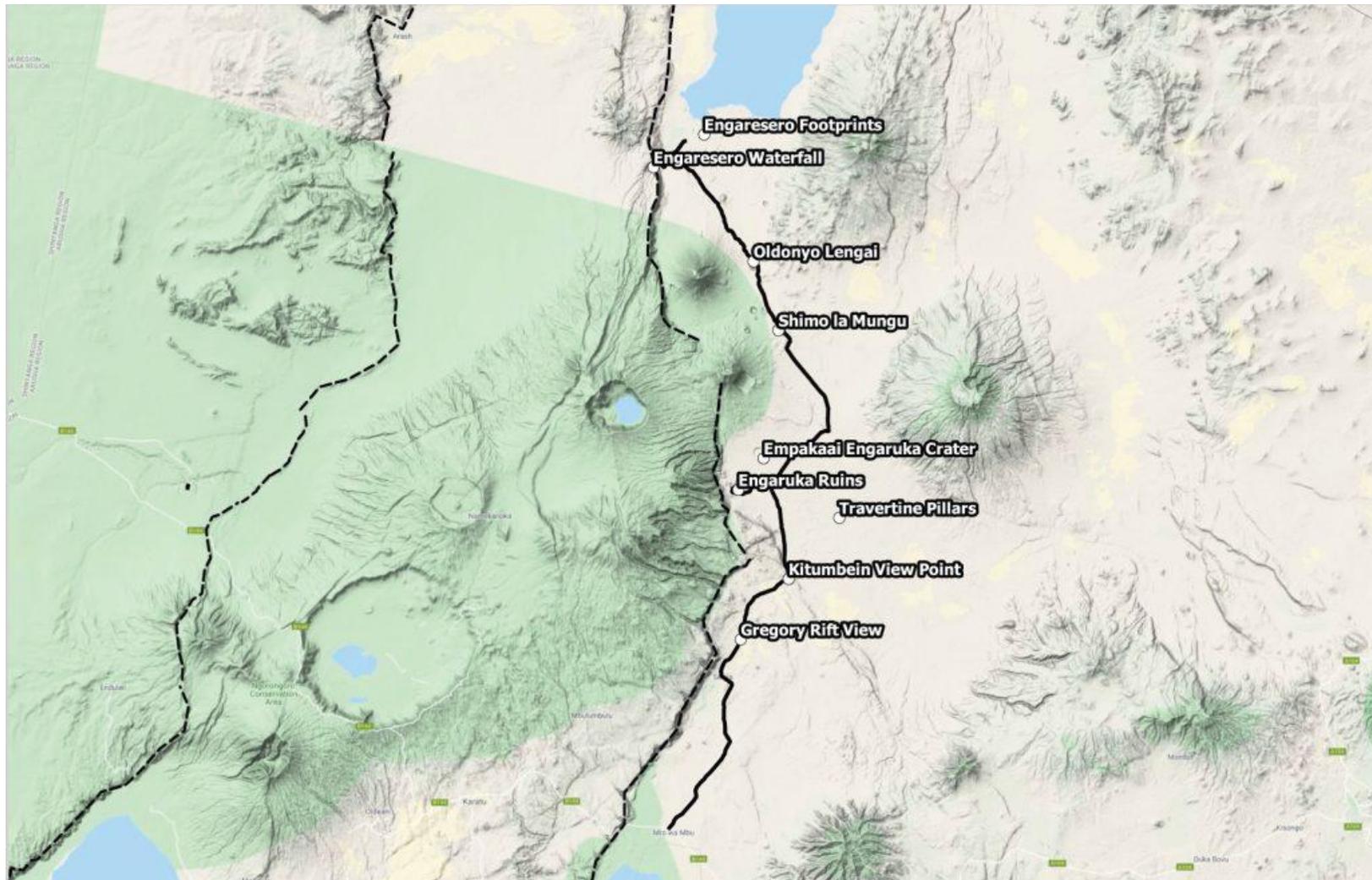
*Laetoli Footprints*



*Endoro Waterfalls*



**Oldoinyo Lengai Route**



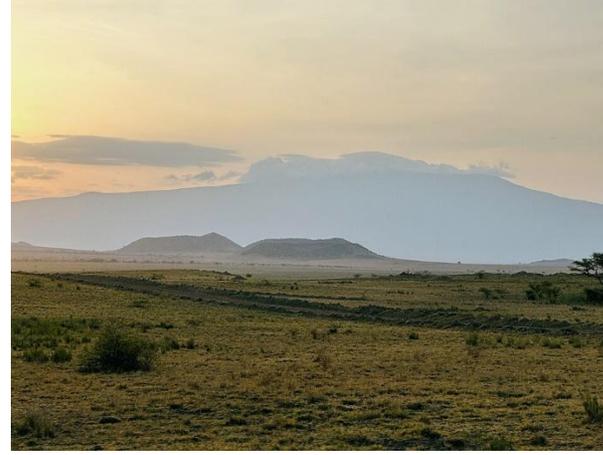
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## Unique Features the Oldoinyo Lengai Route

*Gregory Rift Escarpment View Kitumbein View Point*



*Engaruka Ruins*



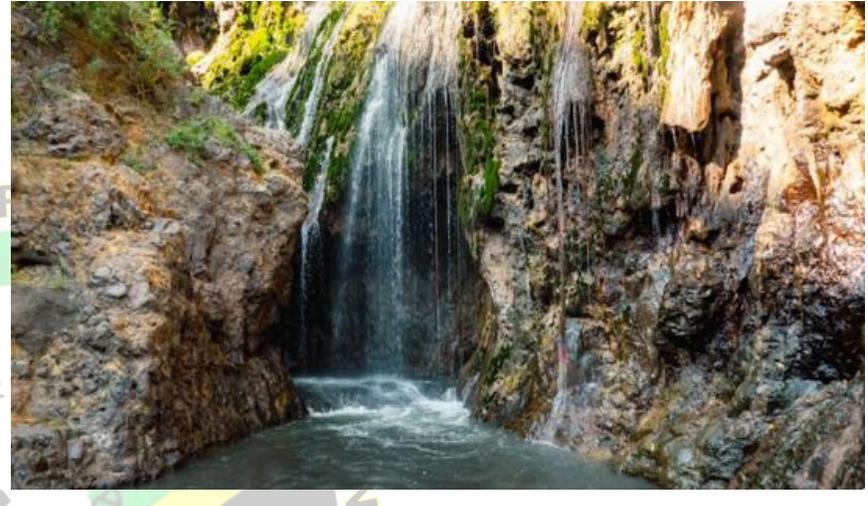
Empakaai Crater



*Travertine Pillars*



Engaresero Waterfall



*Oldoinyo Lengai Volcano*



**Minerals are the Essence of Life and Wealth**

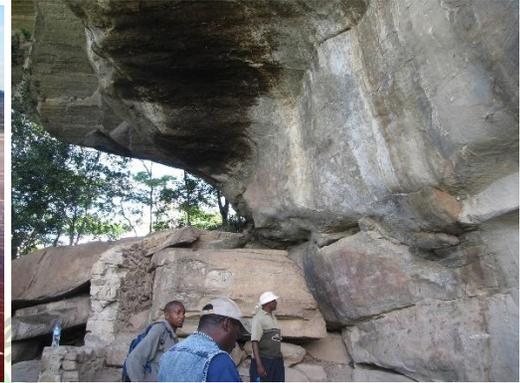
**More Geo- sites in Tanzania**



Earth Pillars



Lake Natron



Rock Art



Hots Springs



Tanzania Craton



Bismarck Rock

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**Mining sites**



Artisanal Miners



Medium Scale Miners



Large Scale Miners

## Minerals



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## 8. Summary: Beyond the Serengeti

Tanzania is internationally celebrated for its wildlife and landscapes. TMTIC's existence shifts the narrative, inviting the global community to engage with the **nation's immense, leveraged mineral wealth**—from world-class gold deposits and unique Precambrian rock formations (e.g., Eastern Arc Mountains) to the monopoly on Tanzanite—through a responsible, educational, and high-integrity tourism model. TMTIC is the entity driving this diversification, offering **Earth's Wonders** as the next frontier for Tanzanian tourism.

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