

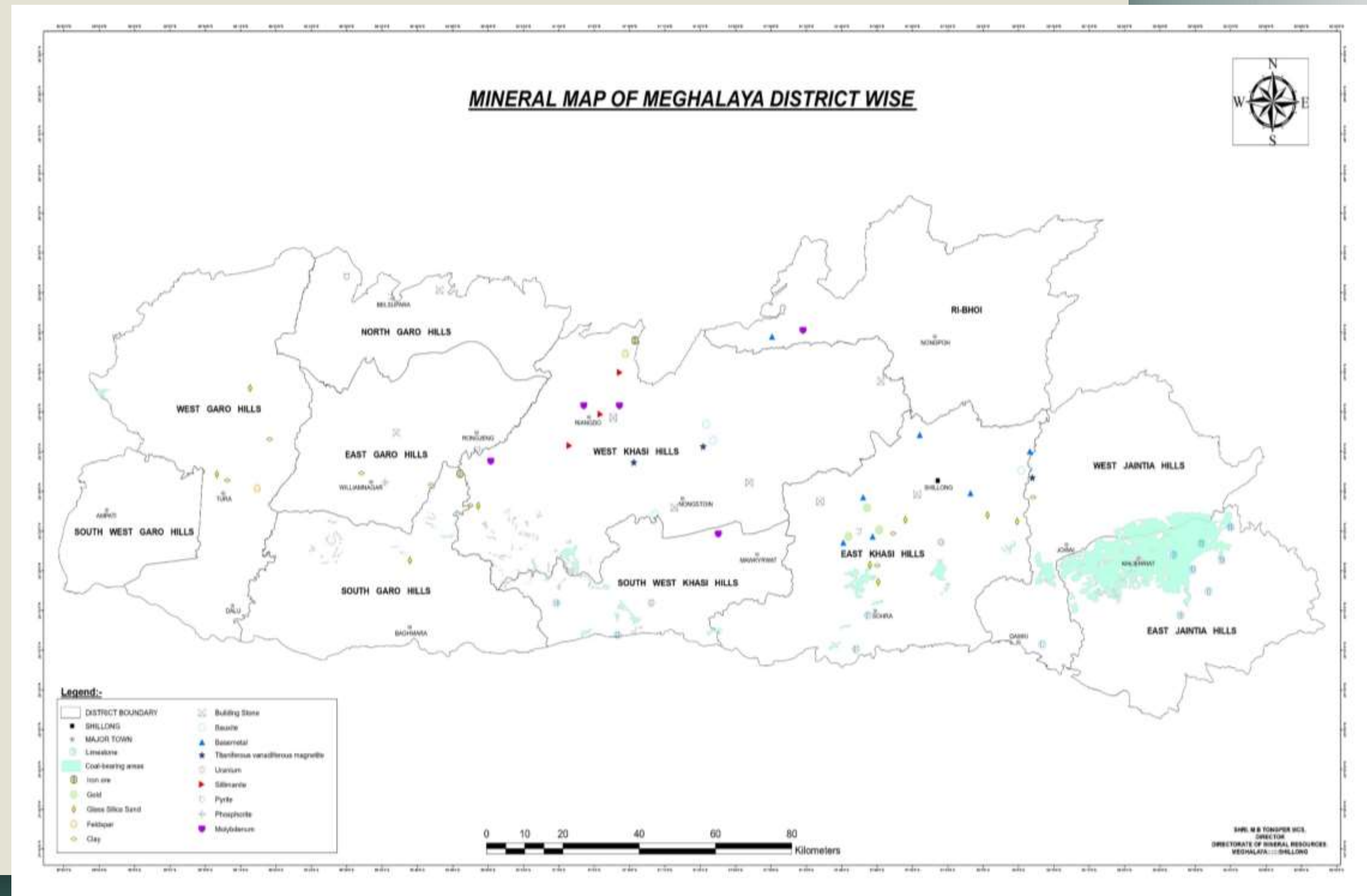


सत्यमेव जयते

MINING AND GEOLOGY DEPARTMENT

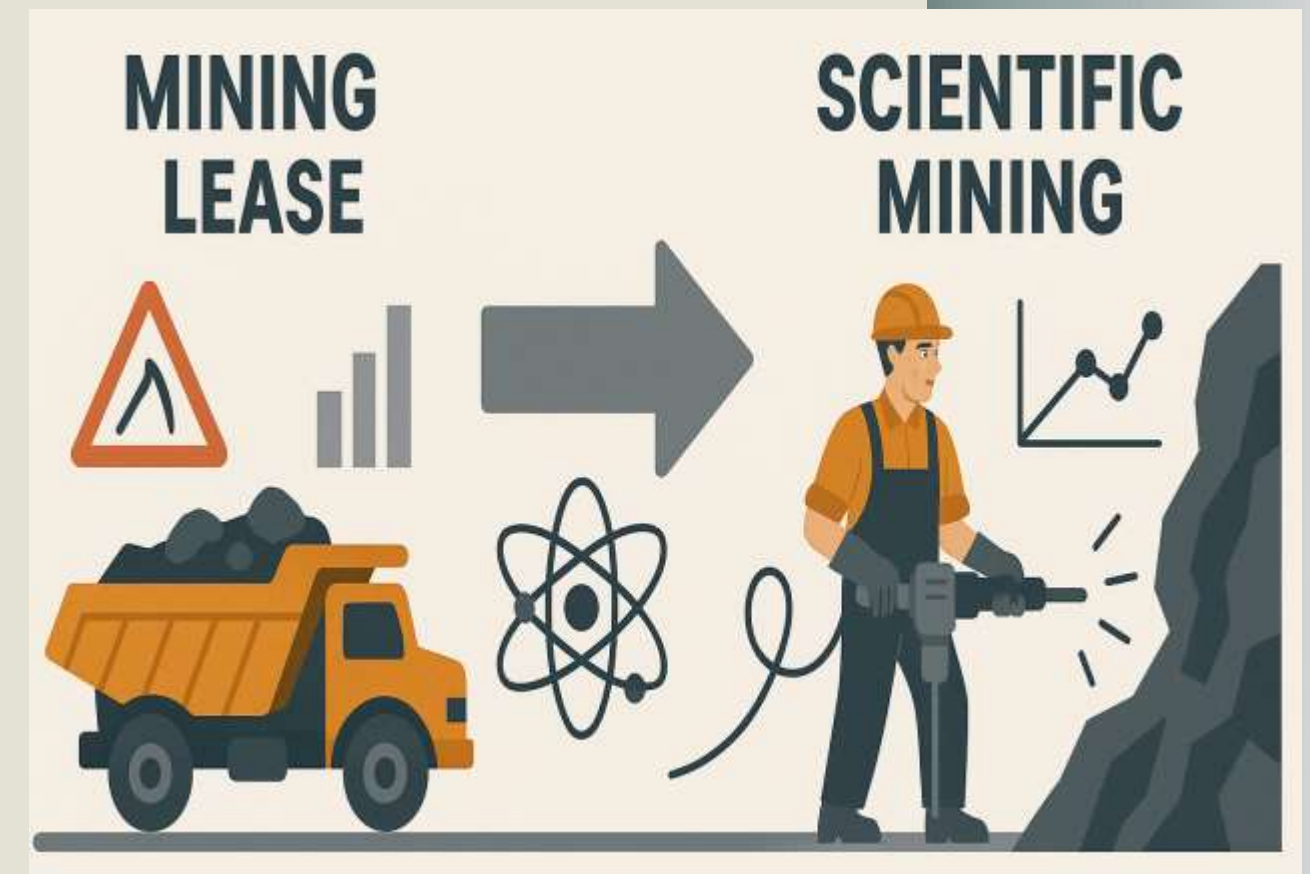
Overview of Mineral Sector - Meghalaya

- ❑ Meghalaya is celebrated not only for its natural beauty and archaeological significance, but also for its high-quality deposits of coal, limestone, uranium, granite, kaolin, clay, glass sand, sillimanite, iron ore, quartz, and various other minerals.
- ❑ Mining takes place in Sixth Schedule areas – requiring customized engagement with local governance structures.



Mining Lease Progress and Transition to Scientific Mining

1. Following the NGT's ban on coal mining, the Government of Meghalaya has initiated a shift from unregulated practices to a legal, scientific, and sustainable mining framework.
2. To support this shift, the Government has approved **4 Coal Mining Authorisations** under the **scientific mining regime**.
3. **1 mine** has already received **Mine Opening Permission**.
4. These actions reflect Meghalaya's commitment to:
 - a) Transparent and regulated mining
 - b) Strong **Environment** safeguards
 - c) Active Participation of landowners
 - d) Alignment with national mining policiesThe State is laying the foundation for a responsible, compliant, and sustainable mining sector.



5. Also 32 Mining Leases (Major Minerals, excluding coal) granted – 24 operational.

Application who have received prior approval of the Central Government for Mining Lease for Coal are as follows:-

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Sl. No.	Name of Land Owner/Grantor	Name of Licensee	Location	Area in hectares
1	Shri. Wenni Diengngan	Shri. Shainingstar Khardewsaw	Sdaddkhar (Pyndengshahlang) Village, Mawshynrut C & RD Block, West Khasi Hills District	100
2	Shri. Maksing Sibren Nongbri	Shri. Teilang Pde	Umbar Village, Kalakaw Ranikor C& RD Block, South West Khasi Hills District	100
3	Shri. Thomas Nongtdu	Shri. Dapmain Shylla	Byndihati, Saryngkham Village (Coal Block-A), East Jaintia Hills District	148
4	Shri. Nehlang Lyngdoh	Shri. Leborlang Lyngdoh	Lumiakhi Village, Wahsarang, Khliehriat C&RD Block, East Jaintia Hills District	100
5	Shri. Thomas Nongtdu	Shri. Dapmain Shylla	Saryngkham Coal Block-B, East Jaintia Hills District	129
6	Shri. Sajay Laloo	Shri. Namewan Dkhar	Tarajak Coal Block-VI, West Khasi Hills District	102
7	Shri. Sajay Laloo	Shri. Namewan Dkhar	Tarajak Coal Block-I, West Khasi Hills District	102
8	Shri. Phomingstone Diengngan	Shri. Apsharai Syiem	Apsharai Sdaddkhar Coal Block, West Khasi Hills District	129

District Mineral Foundation (DMF)

District Mineral Foundation (DMF) Fund is levied as per Section 9B of the amended Mines & Minerals (Development & Regulation) Act, 2015. The State Government has imposed DMF w.e.f 7th December, 2017 . The total DMF contributed/collected is as table below.

Sl. No.	District	DMF Collection (Rs.)
1	East Khasi Hills	59,09,45,855/-
2	Ri-Bhoi	1,37,46,283/-
3	East Jaintia Hills	53,13,43,160/-
4	West Jaintia Hills	13,39,42,260/-
5	South West Khasi Hills	5,55,10,200/-
6	East Garo Hills	5,72,400/-

Ongoing Exploration Activities

PRELIMINARY EXPLORATION (G-3 STAGE) OF ION-ADSORPTION CLAY AND LATERITE HOSTED SUPERGENE ENRICHED REEs

1. The Directorate of Mineral Resources has been granted a G-3 level exploration project for the investigation of ion-adsorption clay/regolith-hosted Rare Earth Elements (REEs) deposits in the Sung Valley, Meghalaya.
2. The project, with an estimated budget of approximately ₹3 crore, is funded by the National Mineral Exploration Trust (NMET), Ministry of Mines, Government of India.
3. The primary objective of the project is to identify and characterize REE-bearing ion-adsorption clays and associated regolith within the targeted geological setting. The exploration work is currently in progress.

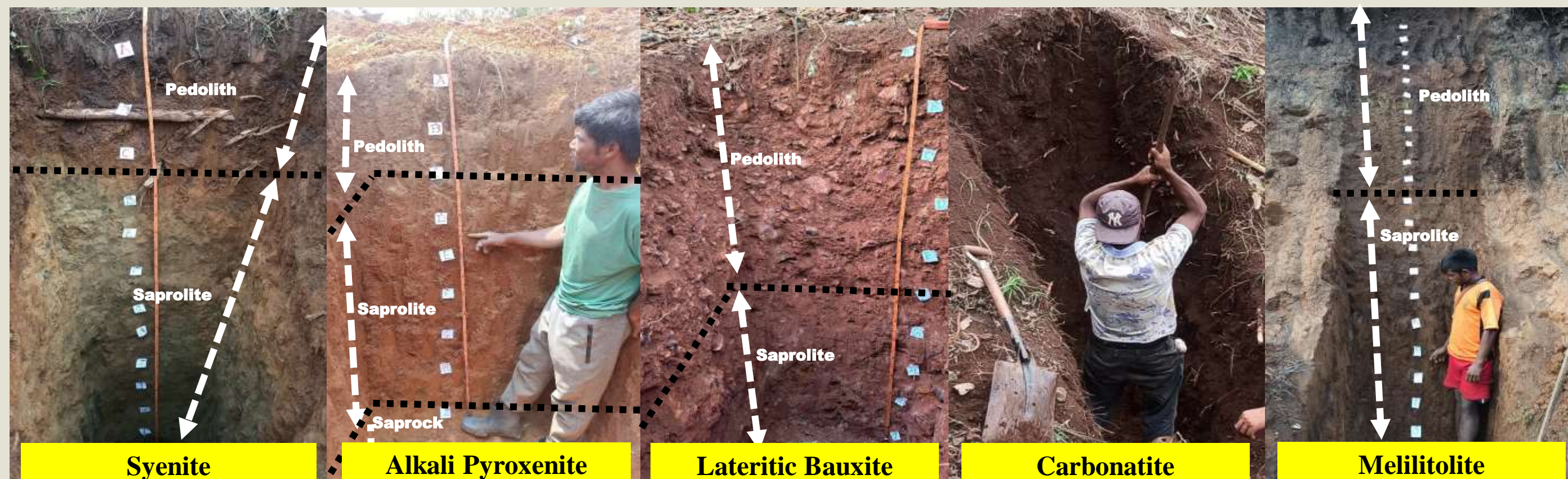
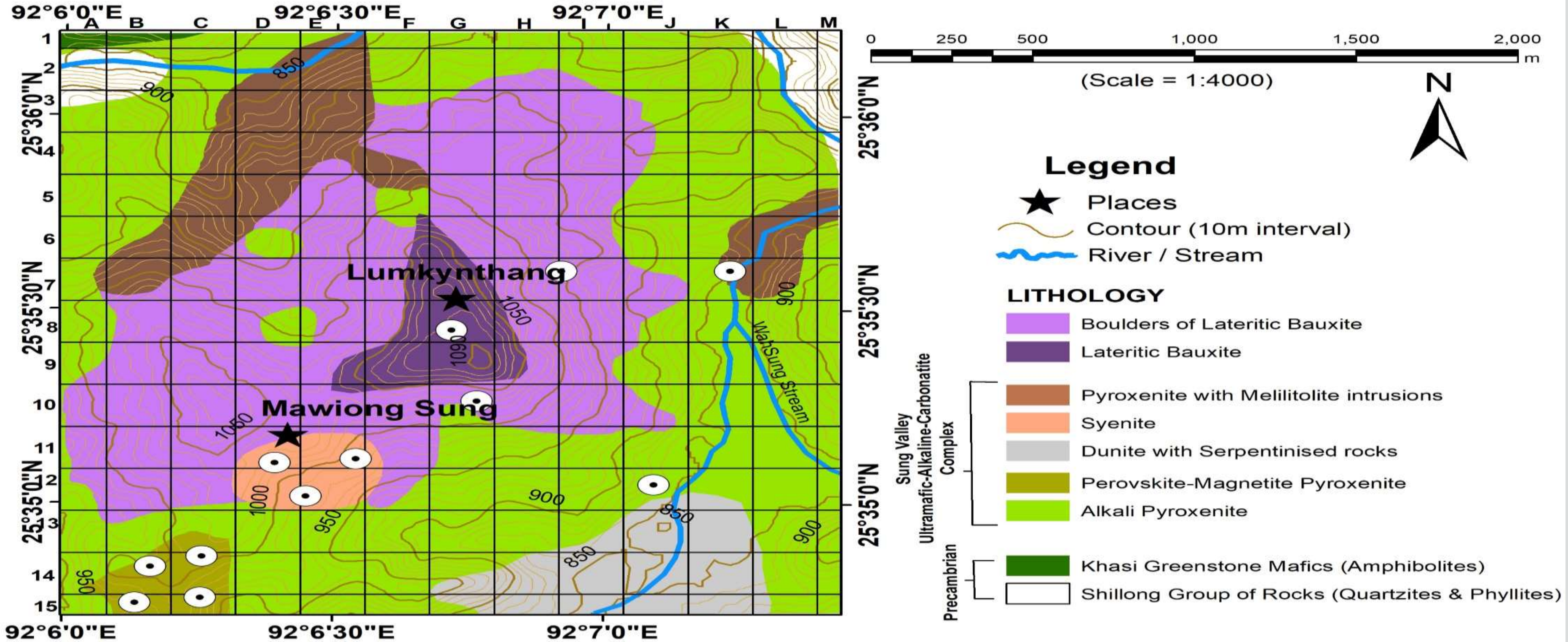


Figure : Ongoing exploration/Sampling of Regolith profiles in Sung Valley complex, Meghalaya

Map showing the proposed borehole locations picked up based on the promising geochemical signature

Geological Map of the exploration block in the Sung Valley showing proposed Boreholes locations



Ongoing Exploration Activities

Cont...

Regional Exploration of Coal at Khliehriat, East Jaintia Hills in collaboration with CMPDIL Ranchi.

1. In response to the NGT coal mining ban (2014), the State identified the need to legalize coal mining through Mining Leases under Ministry of Coal regulations.'
2. A pilot project covering 1 sq. km in Khliehriat, East Jaintia Hills was taken up jointly by DMR and CMPDIL.
3. Geological Report for the block is almost complete.
4. Feasibility Study and Environmental Impact Assessment (EIA) are currently ongoing.
5. The outcome will guide safe, scientific, and environmentally responsible extraction methods in Meghalaya.
6. Exploration is funded through the Centrally Sponsored Scheme (CSS) of the Ministry of Coal.

Joint Working Group (JWG): Advancing Auction Framework Despite Challenges

1. In view of Meghalaya's complex land tenure system under the Sixth Schedule and as instructed by Ministry a **Joint Working Group (JWG)** was constituted.
2. **Objective:** To Facilitate auction of mineral blocks by resolving issues of land rights, community engagement, and legal compliance
3. The Standard Operating Procedure (SOP) is currently awaiting approval.
4. A pilot auction approach for a single limestone block is being explored to test feasibility and build a replicable model.

Special Consideration: Sixth Schedule Areas

1. Meghalaya falls predominantly under the Sixth Schedule of the Constitution of India.
2. We are exploring the possibility of Auctioning of Mineral Block taking into consideration the unique land tenure system of the State. In this regard, MOU has signed between the Government of Meghalaya and SBICAPS to support the State in onboarding into the mineral block auctioning process.

Way Forward-

1. Complete G3 investigation in REE block.
2. Propose new NMET-funded exploration in Riangdo.
3. Smooth transition to Scientific Mining.
4. Strengthen auction ecosystem under Sixth Schedule framework.



**Thank
You**

