

## **A NOTE ON ANNUAL STRATEGIC INTERACTION MEET - 2019, ARUNACHAL PRADESH**

The Annual Strategic Interaction Meet-2019, Arunachal Pradesh was held on 14<sup>th</sup> May 2019 at 1200 hrs at Hotel Cygnett conference hall, Itanagar. The meeting was chaired by Shri Bidol Tayeng, IAS, Secretary, Geology and Mining, Arunachal Pradesh and was attended by Shri T. L. Shitiri, Dy. Director General, Dr. P. K. Singh, Director, Shri Sanjay Singh, Suptdg. Geologist, Shri P. E. Ezung, Sr. Geologist and Shri Hiruj Saikia, Sr. Geologist from Geological Survey of India, SU: Arunachal Pradesh and Shri Tasser Talar, Director, Dr. A. S. Rawat, State Geologist, Dr. R. Mrinalinee Devi, Mining Consultant and Shri K. Aboh, Technical Officer from Deptt. of Geology and Mining, Govt. of Arunachal Pradesh.

Sh. Tasser Talar, Director, Geology and Mining, Govt. of Arunachal Pradesh made his opening address and welcomed all the participants in the Annual Strategic Interaction Meet-2019. Sh. Bidol Tayeng in his opening speech appreciated the concept of ASIM initiated by Ministry of Mines, Govt. of India and enquired about the activities of Geological Survey of India in the State of Arunachal Pradesh. Shri T. L. Shitiri, Dy. Director General Geological Survey of India, SU: Arunachal Pradesh in his address, mentioned about the various geoscientific studies in the state of Arunachal Pradesh under various themes and disciplines taken up under annual field season programme of GSI. Dy. Director General, GSI, SU: Arunachal Pradesh handed over the publications like Geology and Mineral Resources of Arunachal Pradesh, Glimpses of activities of GSI in Arunachal Pradesh and other brochures, leaflets and also handed over a core sample of graphitic marble of Taliha graphite prospect. The Secretary, Geology and Mining enquired about the GSI structure in Northeast and India, which was briefed by Dr. P. K. Singh, Director, GSI.

Dr. P. K. Singh, Director, GSI, SU: Arunachal Pradesh in his presentation highlighted on the various activities and contributions made by GSI in Arunachal Pradesh under various missions of GSI such as fundamental geoscience, natural resource assessment, geohazards and geotechnical studies. In his presentation, he highlighted the discoveries of mineral resources of different commodities such as limestone, dimension stones, graphite, basemetal, etc and informed that GSI is taking up 9 mineral exploration projects for graphite, Copper, vanadium, basemetal, gold and REE during the current field season in Arunachal Pradesh. He also mentioned about the recent discovery of graphite in Taliha and vanadium resources in and around Deed area, Lower Subansiri and informed that about 30 to 35 % graphite resources in India is in Arunachal Pradesh. It was also

mentioned that geological mapping on 1:50,000 scale and District Resource Map (DRM) (except few districts under scrutiny) has been completed for the whole of Arunachal Pradesh. Secretary, Geology and Mining requested GSI to provide the available DRM maps to the Deptt. Of Geology and Mining, Arunachal Pradesh. Dr. P. K. Singh mentioned about the geoscientific studies input of GSI for the geotechnical projects like dam, tunnel, bridges, roads and for the upcoming Sela Pass and Nechipu tunnels. He enlightened on seismic microzonation studies and source identification for earthquakes. He added that seismic microzonation for Itanagar capital complex has been completed and for Pasighat (as per the list of Smart City concept of GOI) it will be done during the current field season. He also mentioned that a seismic observatory has been installed in the office complex of GSI, Itanagar with the other two at Agartala and Gangtok in Northeastern Region. The Seismic Observatory installed at Itanagar is equipped with broadband seismographs with real-time monitoring. Dr. Singh, informed that GSI, being the nodal agency for landslide studies, is also engaged in post disaster study of major landslides occurring in Arunachal Pradesh regularly and renders advice to the concerned departments of the state regarding mitigation and prevention of landslides in the area and also post earthquake studies to figure out the earthquake intensity by macroseismic survey. The Secretary, Geology and Mining requested GSI to provide these geohazard maps to the state government for better utilization for urban and town planning in near future. Dy. Director General, GSI informed that all the geological reports except some restricted ones are available in the GSI official website for public and the necessary maps as requested will be provided to the Deptt. Of Geology and Mining.

During the interactive session, the Secretary, Geology and Mining and Director, Geology and Mining enquired about the prospect of graphite and vanadium in Hunli, Taliha, Depo and Deed areas of Arunachal Pradesh. Shri Sanjay Singh, Suptdg. Geologist mentioned that graphite exploration in Taliha has been done during FSP 2017-18 with good prospect, graphite in Hunli, Pakkro and vanadium in Depo, Deed areas would be promising and G4 stage of exploration has been done during FSP 2018-19. He added that GSI has taken up three mineral exploration items in Dibang Valley for copper, graphite, vanadium and basemetal. The Secretary, Geology and Mining also enquired about the recent Gold and copper discovery by China along the international boundary with Arunachal Pradesh and its prospect in Arunachal Pradesh. Shri Sanjay Singh, Suptdg. Geologist briefed about the administrative and defence constraints of taking up exploration project near the international border. He also mentioned that the geological setup of China and

Arunachal Pradesh is different to have a similar type of deposit. In addition, discussions were also held regarding promotion of geo-tourism in the state of Arunachal Pradesh. The Secretary, Geology and Mining advised for identification of a geo-tourism site in Arunachal Pradesh in collaboration of the two organizations. Shri T. L. Shitiri, Dy. Director General, GSI told that GSI Itanagar is having good collections of rocks / mineral / palaeontological samples at GSI Museum and would like to contribute some of the samples for state museum. Sh. Bidol Tayeng, IAS, Secretary, Geology and Mining expressed his keenness to develop a geological museum under Deptt. Of Geology and Mining, Govt. of Arunachal Pradesh and showed his interest to visit the office of Geological survey of India, Itanagar. During the interaction, it was also discussed about the local issues / problems experienced by the GSI officers during fieldwork. The Secretary and Director, Geology and Mining assured to provide necessary support and logistics during execution of geoscientific investigations.

The Secretary, Geology and Mining and Director, Geology and Mining in their remarks requested Geological survey of India to share information, data and technical guidance and provide hand holding in exploration of minerals in the state of Arunachal Pradesh. They also mentioned that Deptt. of Geology and Mining will try to provide logistics with coordination with the local administration during the fieldwork of GSI and requested to render technical field guidance to the officers of Deptt. of Geology and Mining during exploration and / or geoscientific activities during the fieldwork.

The Dy. Director General, SU: Arunachal Pradesh thanked all the members present during the meeting for their active participation and thanked the Secretary, Geology and Mining for his valuable suggestions and quality outcome of the meeting. The Secretary, Geology and Mining added that regular interaction meeting should be conducted for better future prospect and benefit of Arunachal Pradesh and appreciated the contribution of GSI in the field of geoscience.

## Glimpses of Annual Strategic Interaction Meet-2019, Arunachal Pradesh



Handing over of GSI publications to Shri Bidol Tayeng, IAS, Secretary, Geology and Mining, Govt. of Arunachal Pradesh by Shri T. L. Shitiri, Dy. Director General and Dr. P. K. Singh, Director, Geological Survey of India, SU: Arunachal Pradesh



Dr. P. K. Singh, Director, GSI, Itanagar delivering presentation on the activities and contributions of GSI in Arunachal Pradesh

Interactive session between Secretary and Officers of Geology and Mining, Govt of Arunachal Pradesh and GSI, SU: Arunachal Pradesh



Secretary, Geology and Mining, Govt. of Arunachal Pradesh with Officers of Geological Survey of India, SU: Arunachal Pradesh and Deptt. of Geology and Mining, Govt. of Arunachal Pradesh