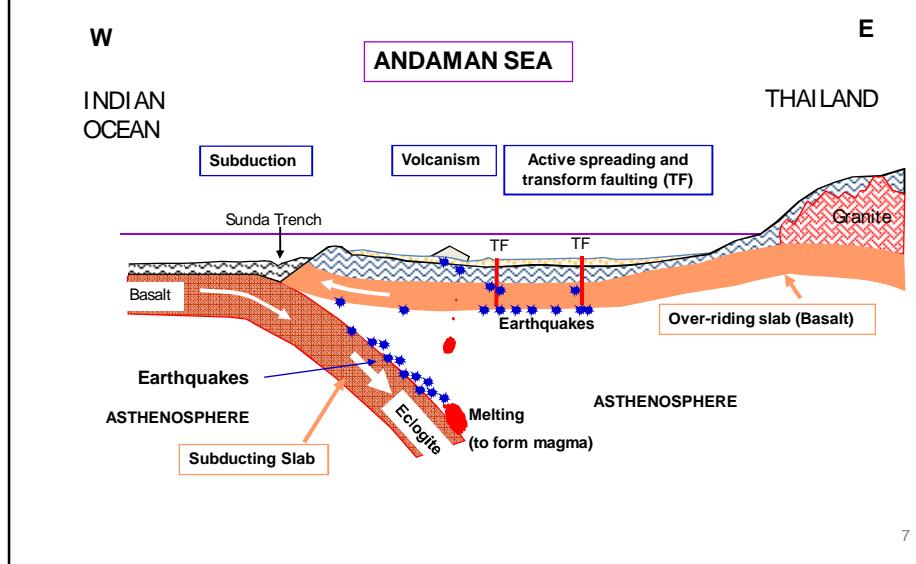
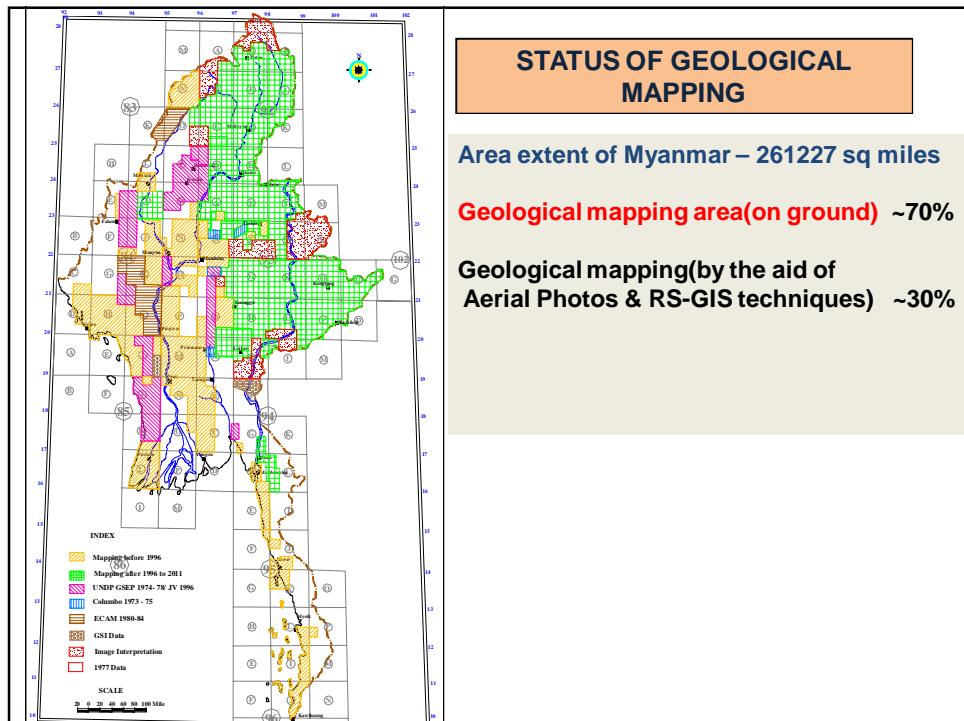
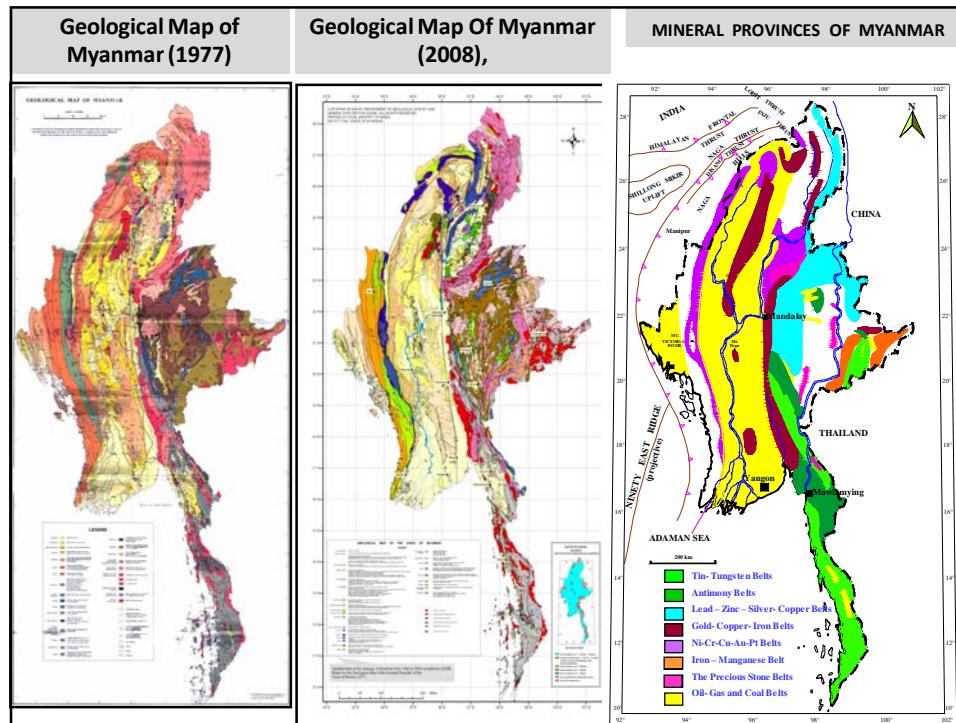


Three modes of earthquake generation in the Andaman Sea (Schematic tectonic cross-section along Lat 11°N)



7





In Myanmar, Mineral occurrences include

1. Metallic ore minerals

Iron & metals for steel alloys- Fe, Mn, Cr, Ni, Mo
 Base & non-ferrous metals – Pb, Zn, Cu, Sn, W, Sb & Ti
 Precious & rare metals- PGM, Au, Ag, Nb, Ta

2. Industrial minerals & non-metallic raw minerals

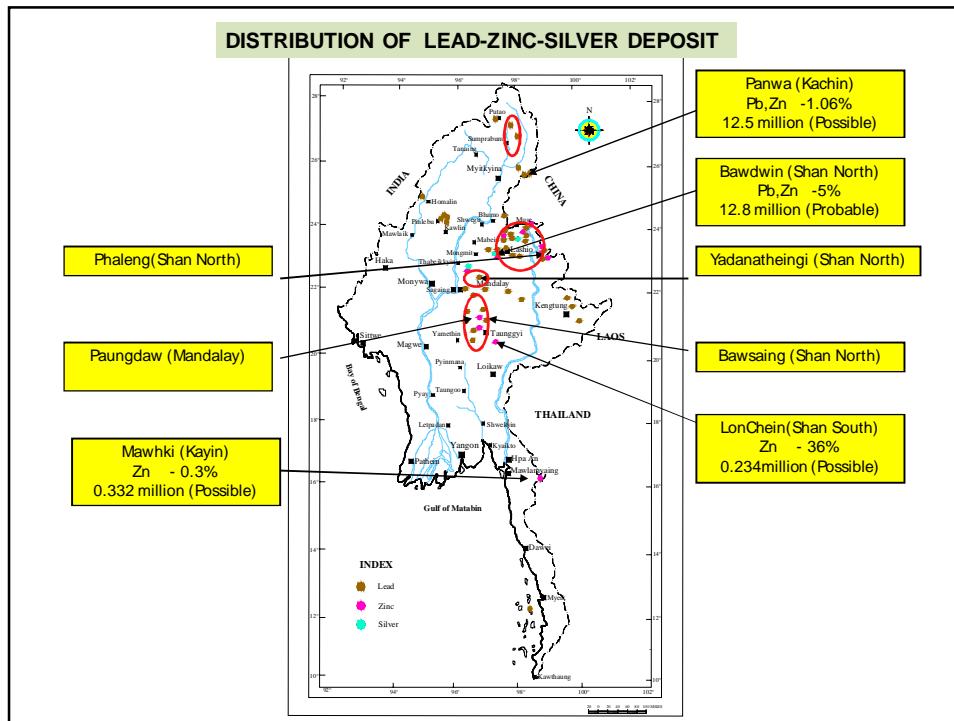
Chemical & fertilizer minerals- Barite, fluorite, Gypsum, rock salt
 Ceramic & refractory minerals- clay, limestone, dolomite, feldspar, quartz, glass sand
 Construction & building materials- Decorative stones, road materials, limestone for cement

3. Precious & semi-precious Gemstones

Ruby, Sapphire, Jade, Diamond, etc

4. Fuel minerals

(oil, natural gas, oil shale, coal,

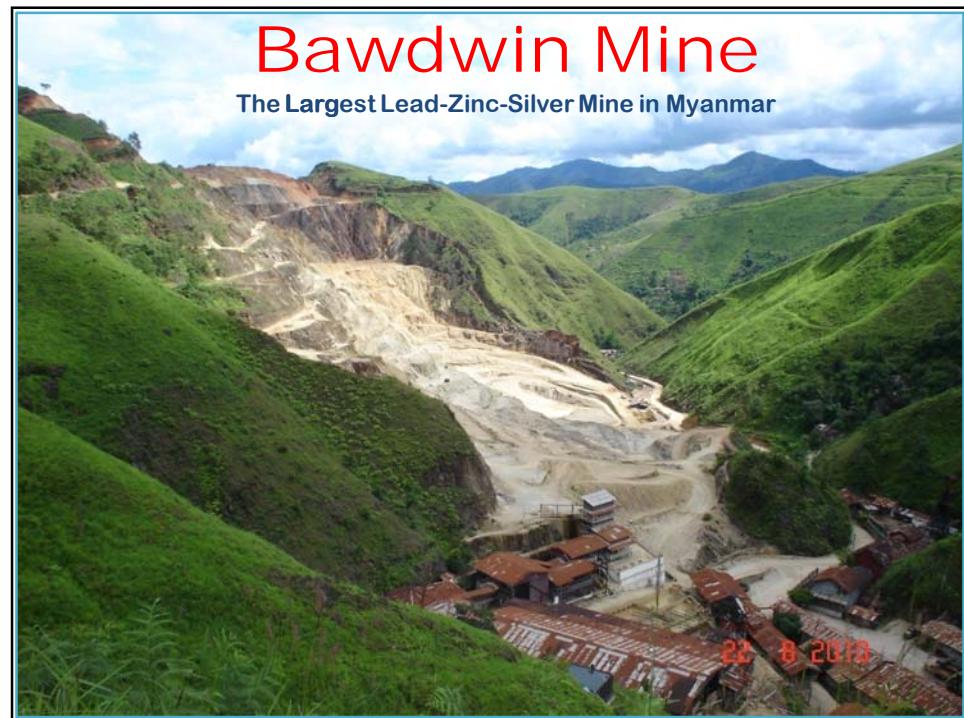
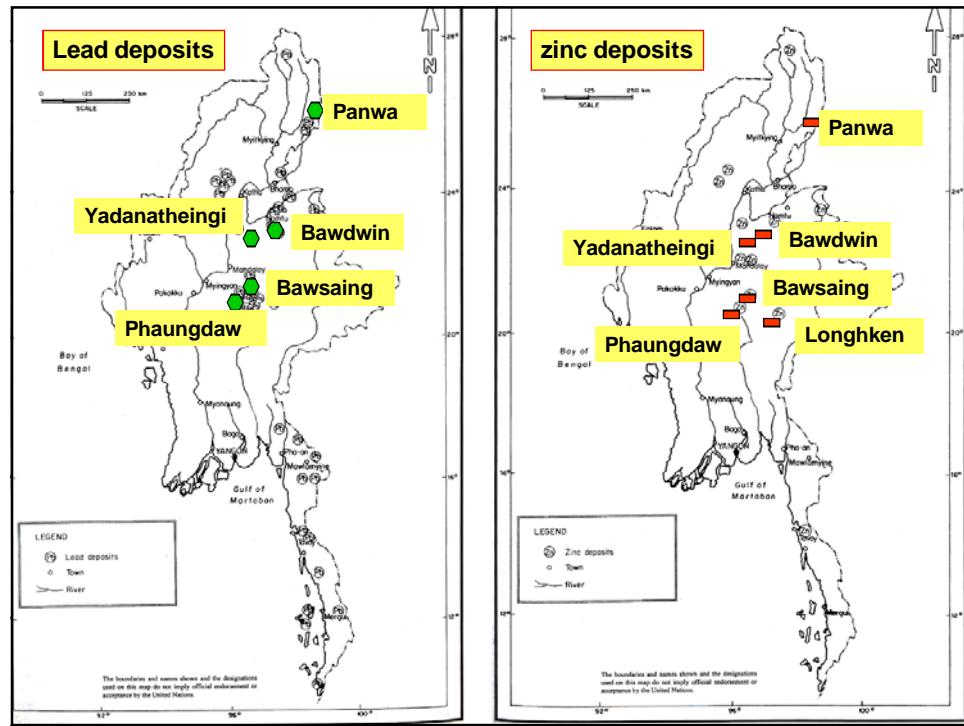


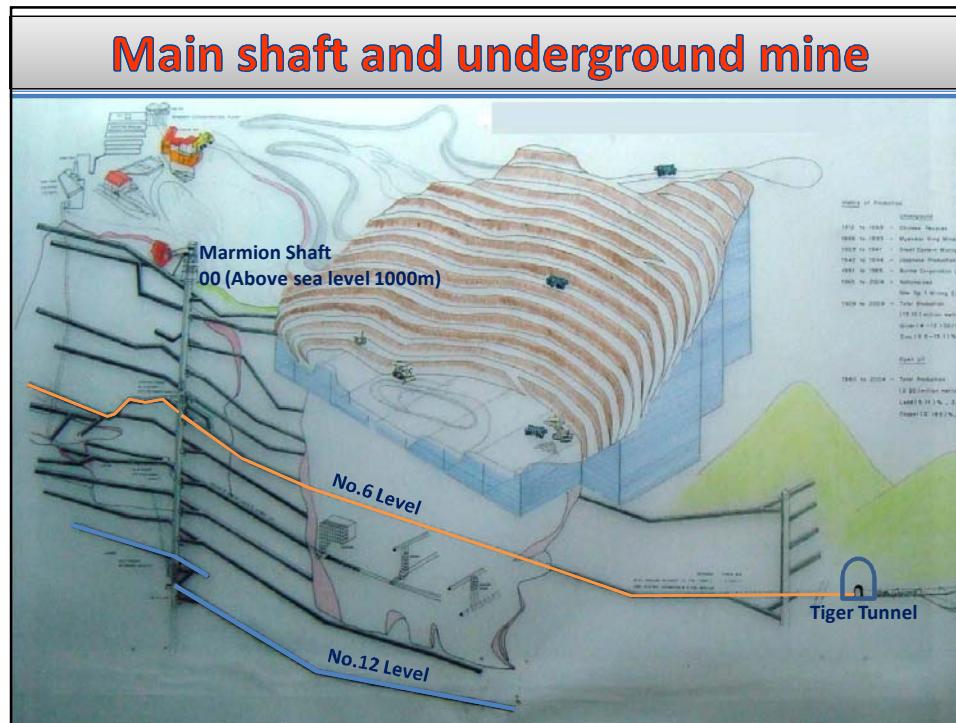
Lead-Zinc-Silver Deposits

-more than 100 occurrences of Pb-Zn-Silver mineralization in Myanmar

-mineralization occurs as five different styles

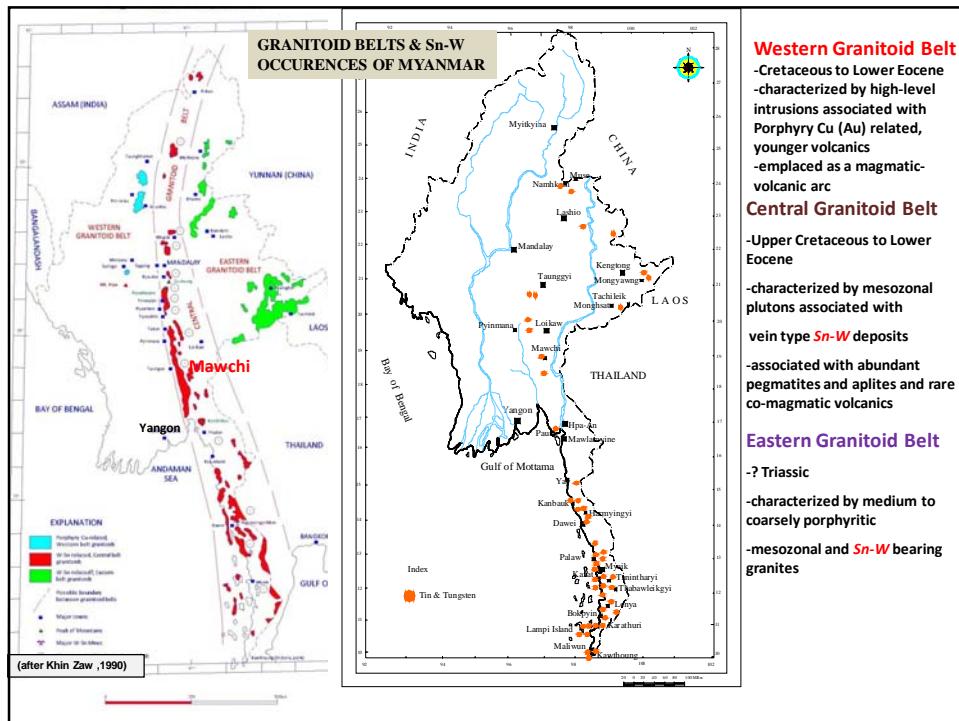
1. Volcanogenic massive sulphides type(VMS) at Bawdwin mine
2. Mississippi valley type deposit at Bawsing mine
3. Cavity filling vein-type in Yadanatheingi mine
4. in veins and skarn type near the contact between granitic rock and marble at Phaungdaw mine
5. Zinc carbonate deposit (secondary deposit) at Long Hken mine





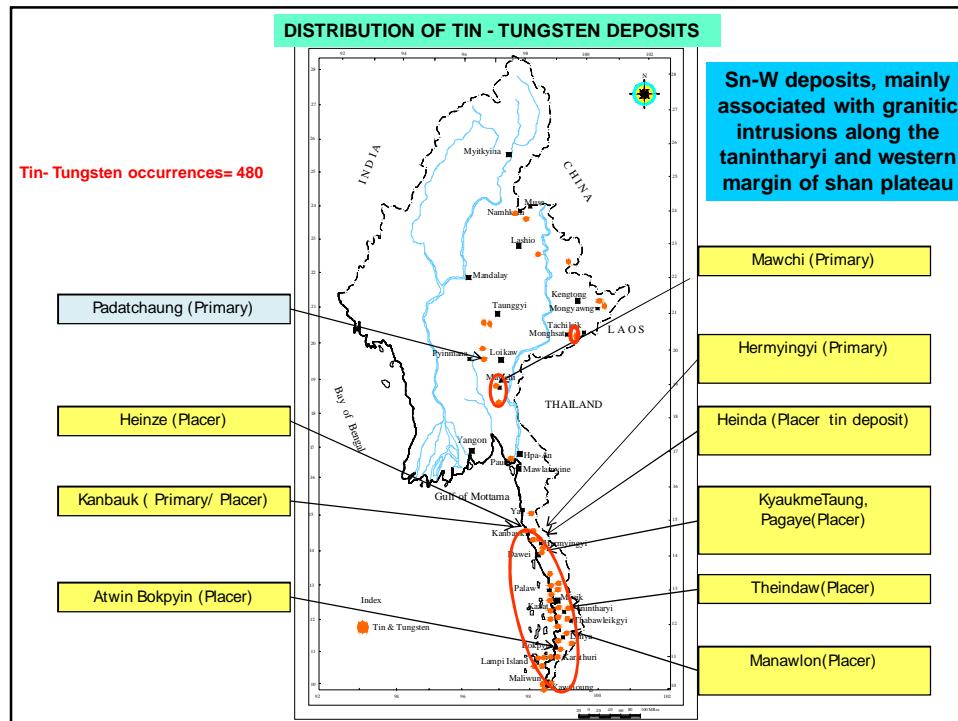
Bawsaing Pb-Zn Mine, Southern Shan State

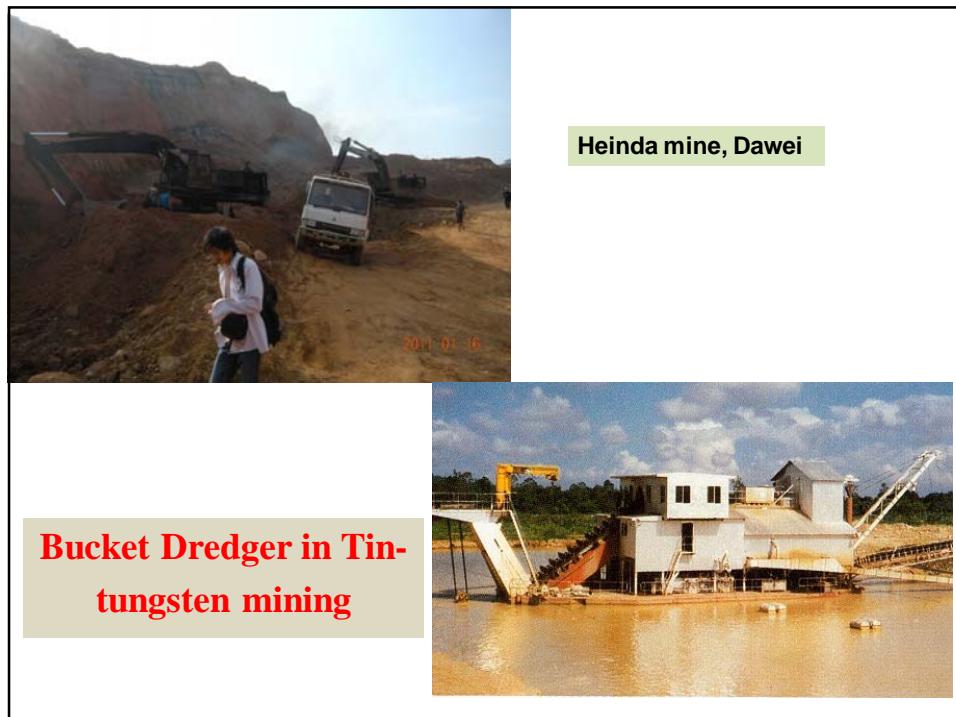


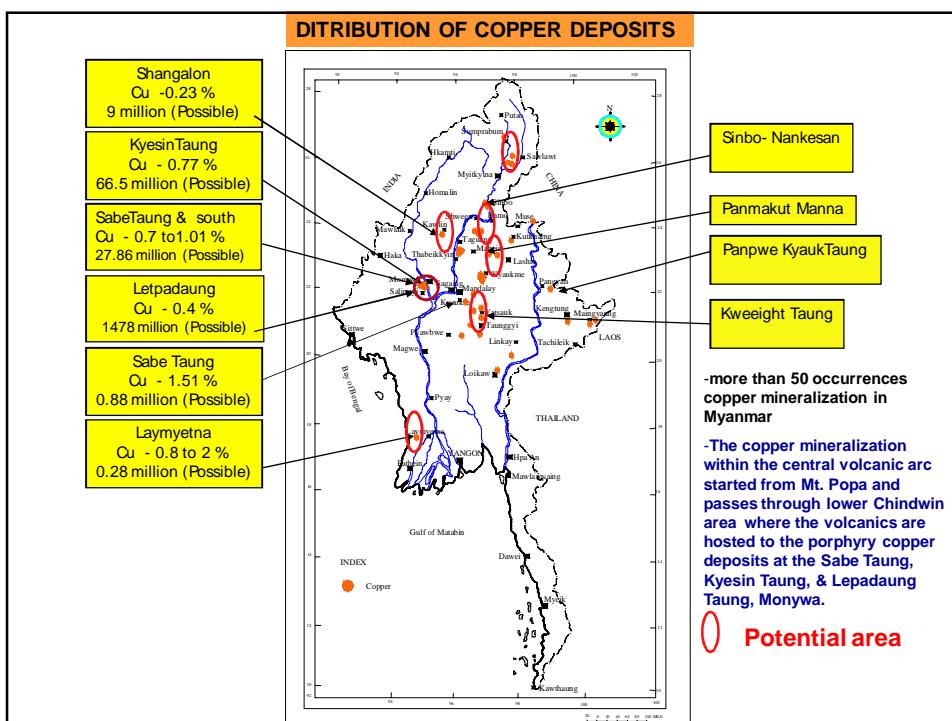
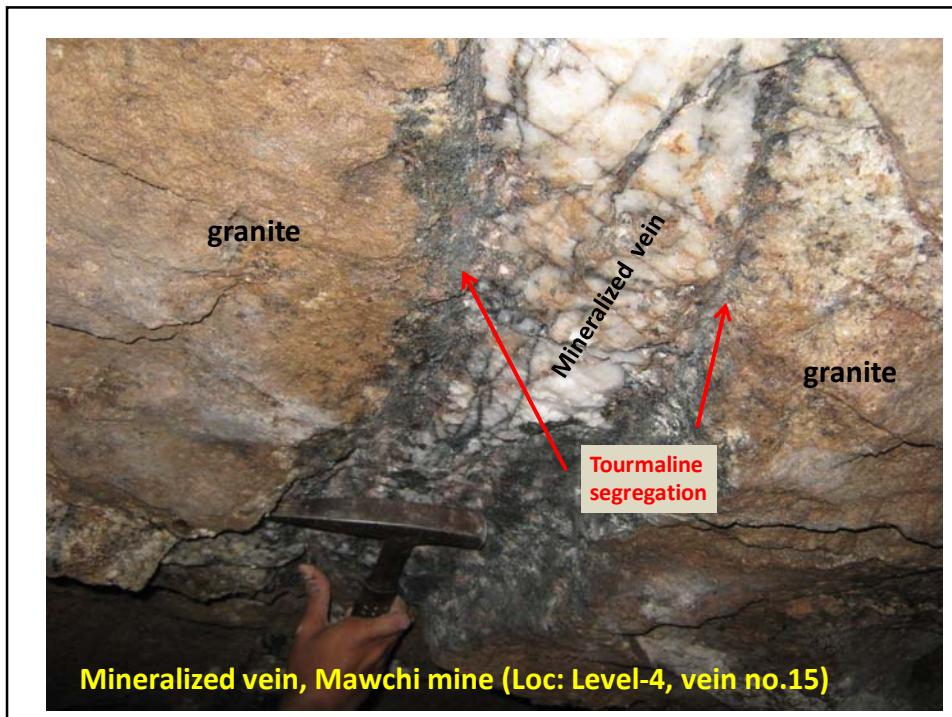


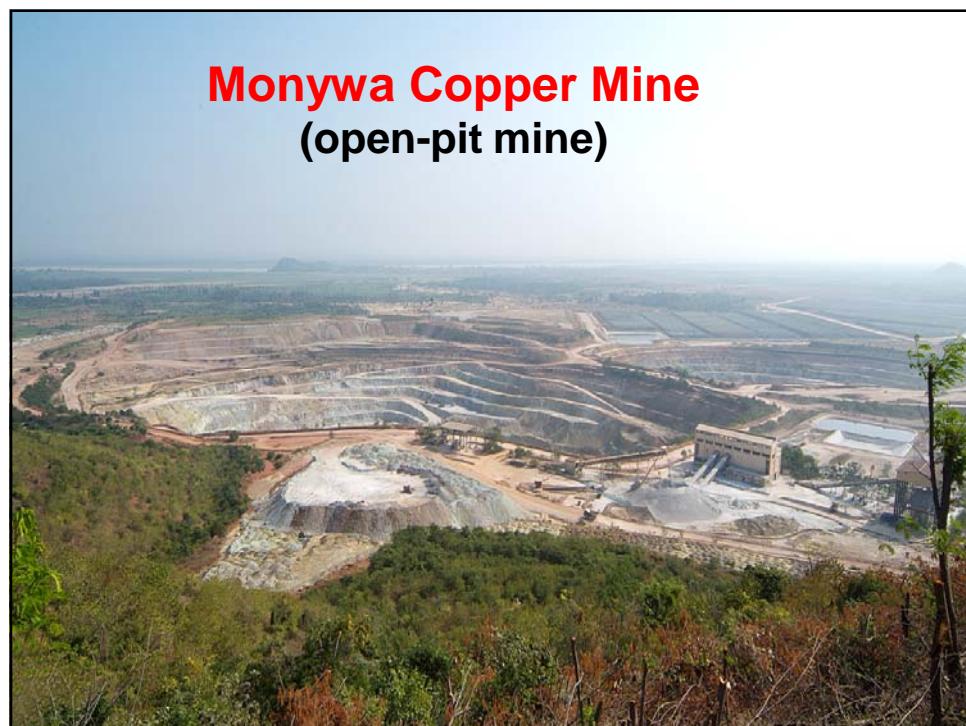
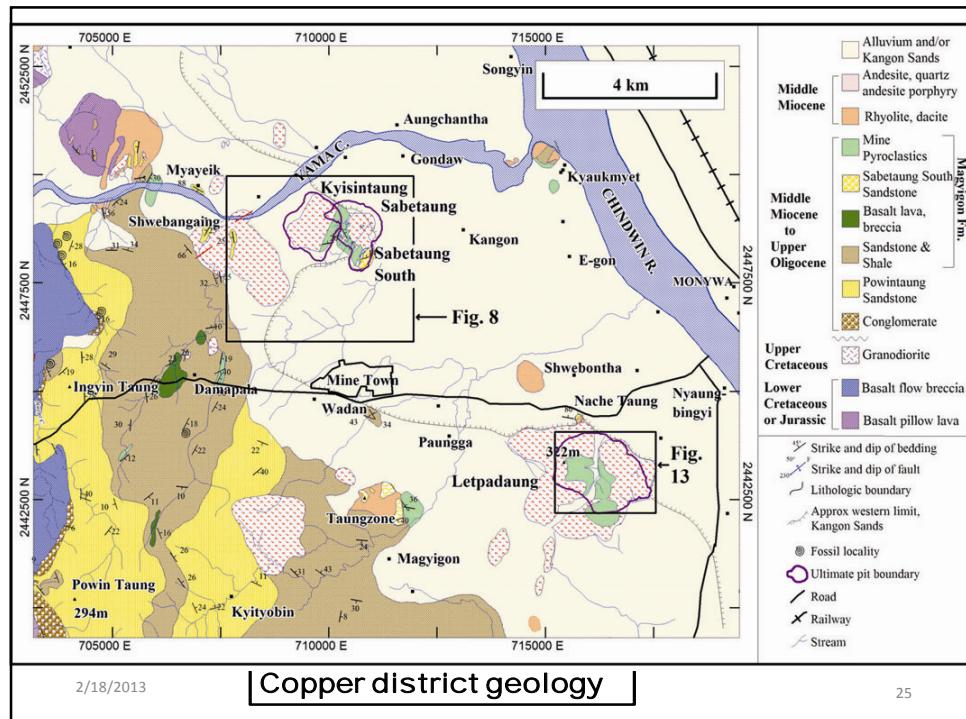
Tin-tungsten Deposits

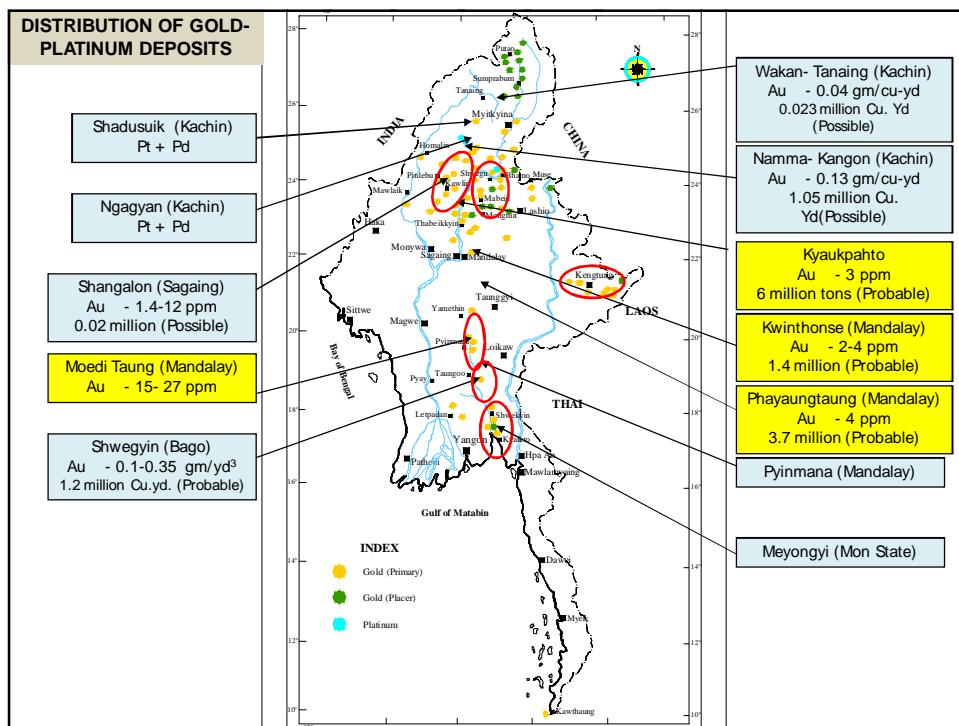
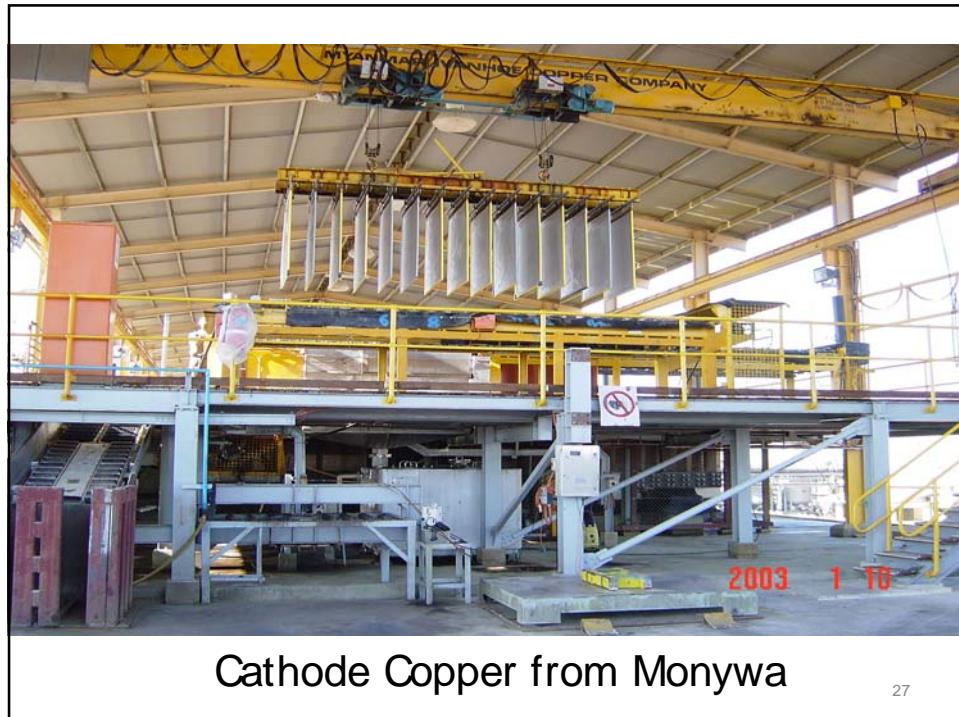
- one of the most important mineral resources in Myanmar
- occurs along the granitic belt in SE Asia peninsula (distributed over more than 1200 Km in Myanmar with more prominent in Tungsten toward the north,
- passing through the Tanintharyi Division, Kayin, Mon, Kayah & Shan states and east of Pyinmana.
- Tin-tungsten ores occur in close association with granitoids and related pneumatolytic rocks emplaced during Jurassic, Cretaceous and possibly Triassic. The country rocks of these intrusive masses consist of the clastic Mergui Series, Taungnyo Group, Mawchi Series and Lebyin Group.
- Most of the cassiterite is mined from placers while tungsten is mined from hard rock veins.

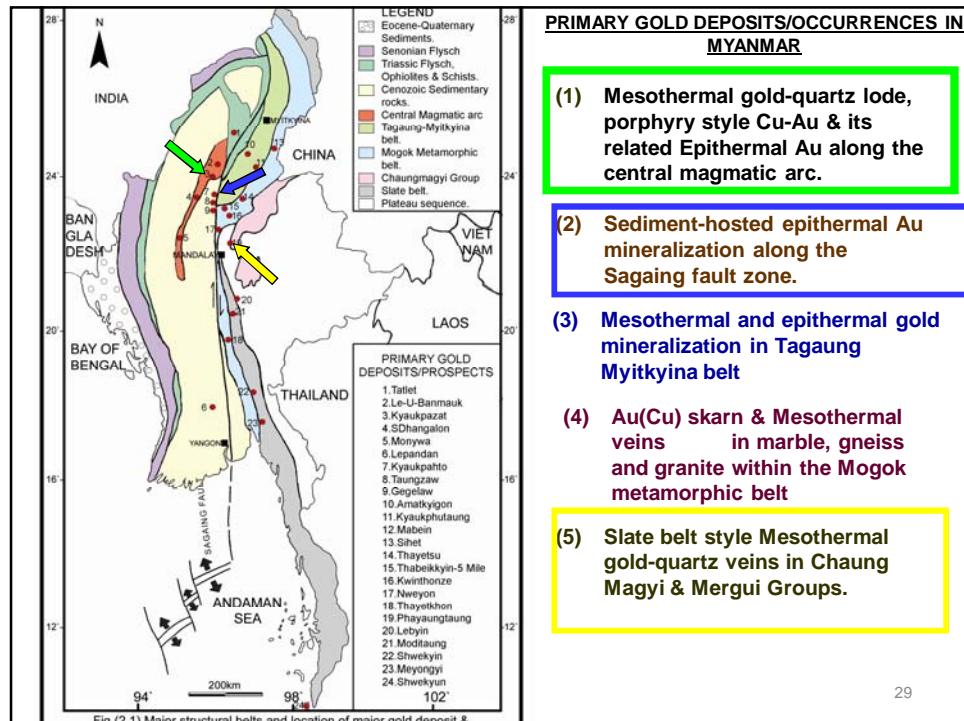






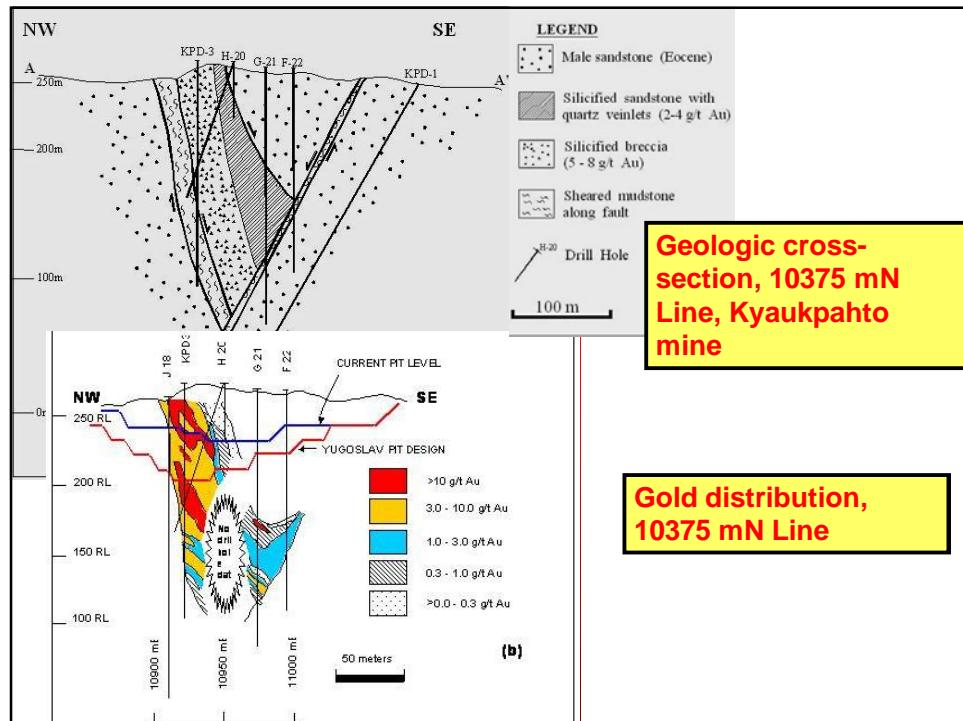
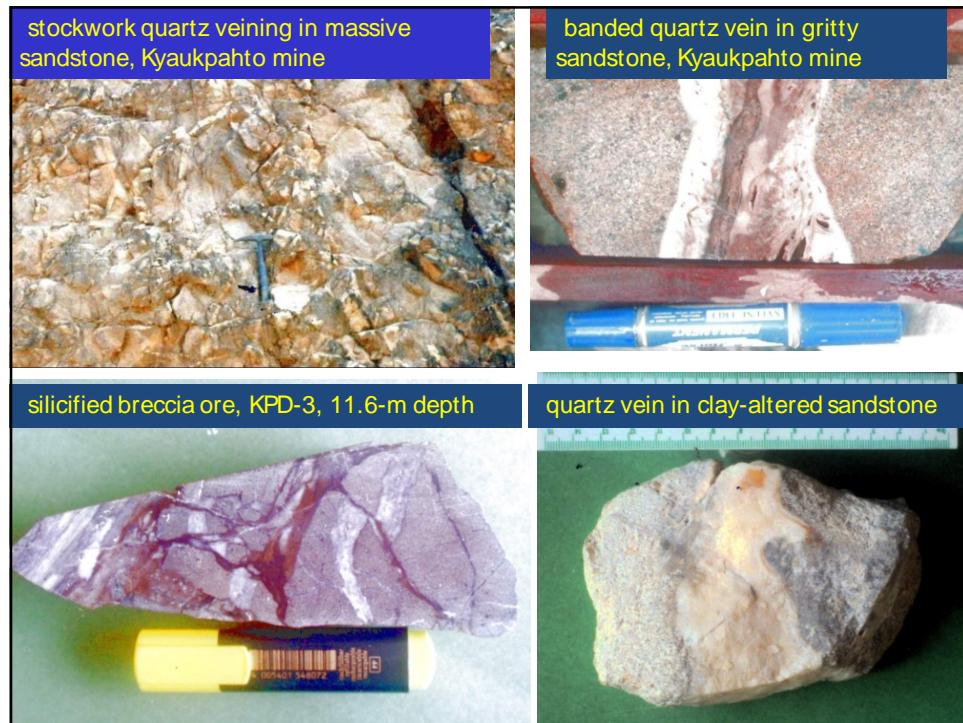


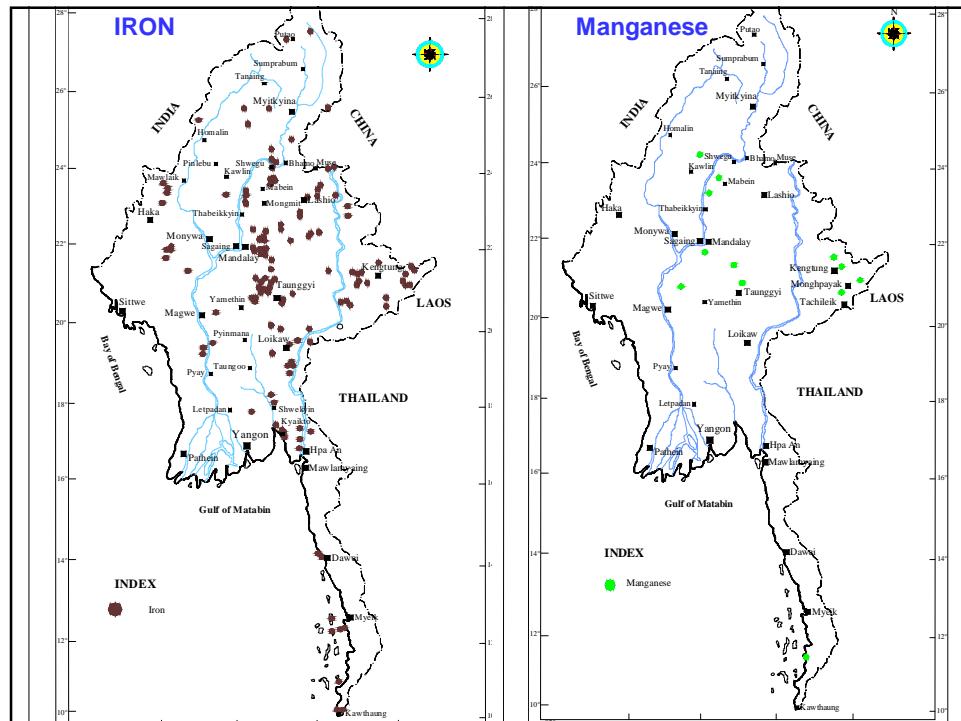
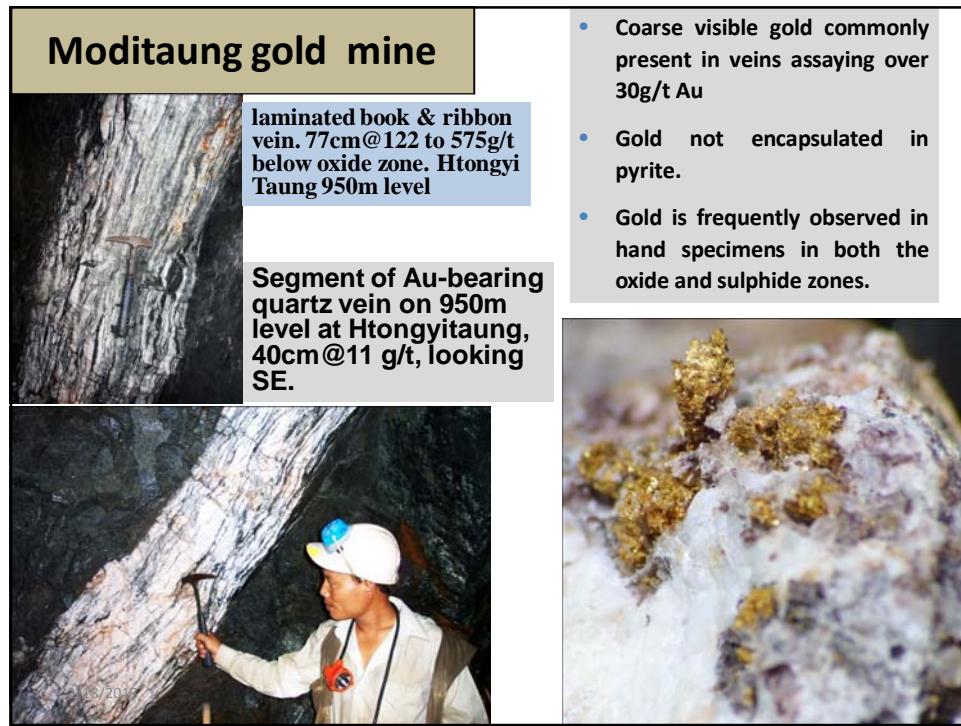


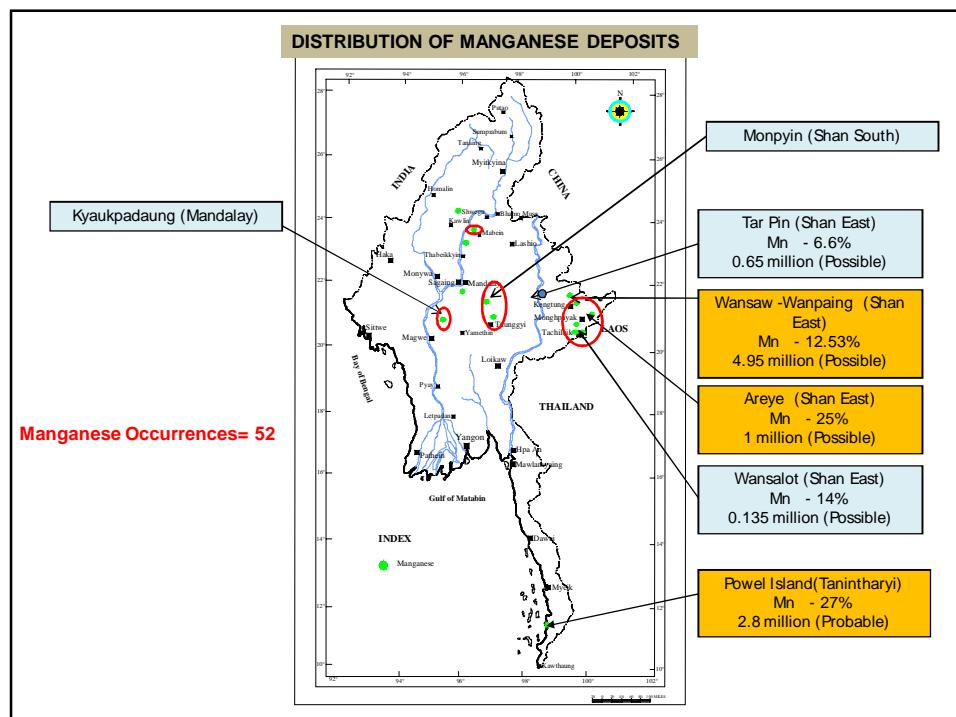
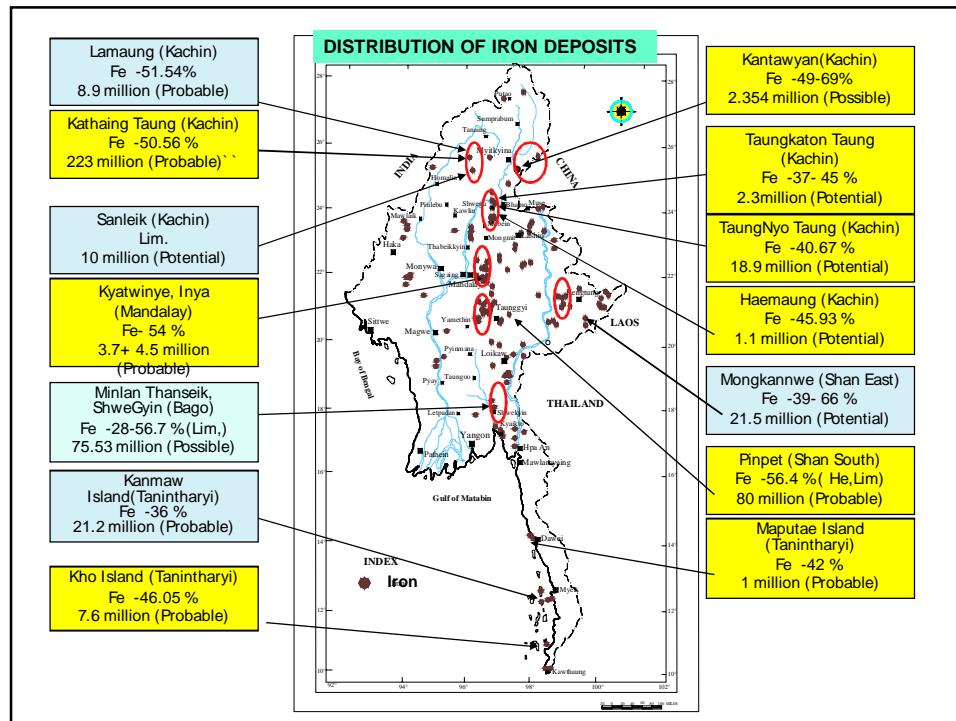


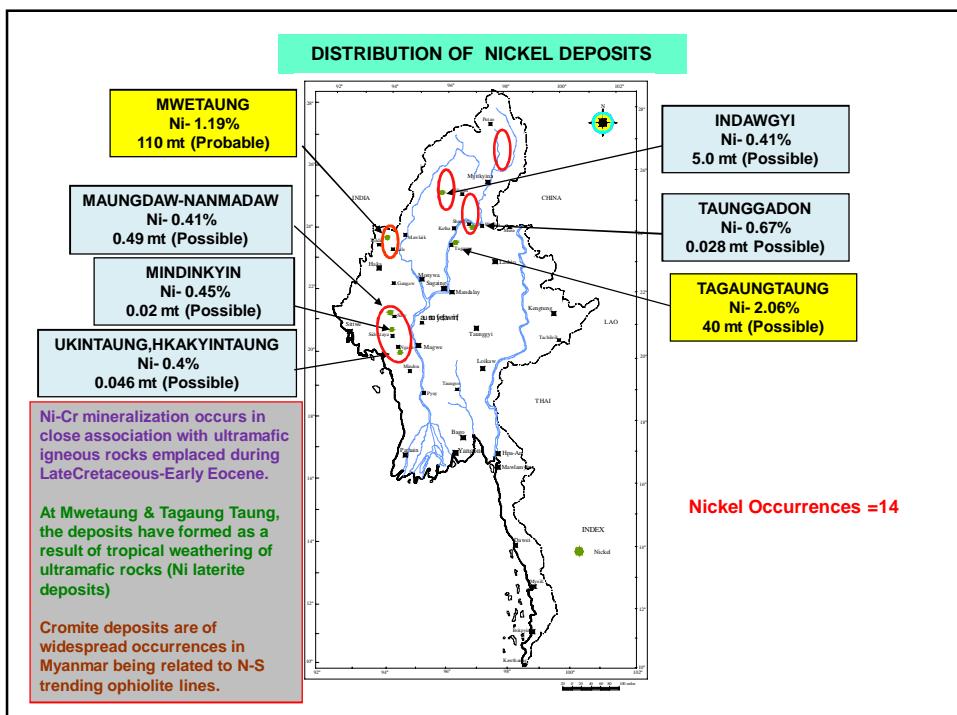
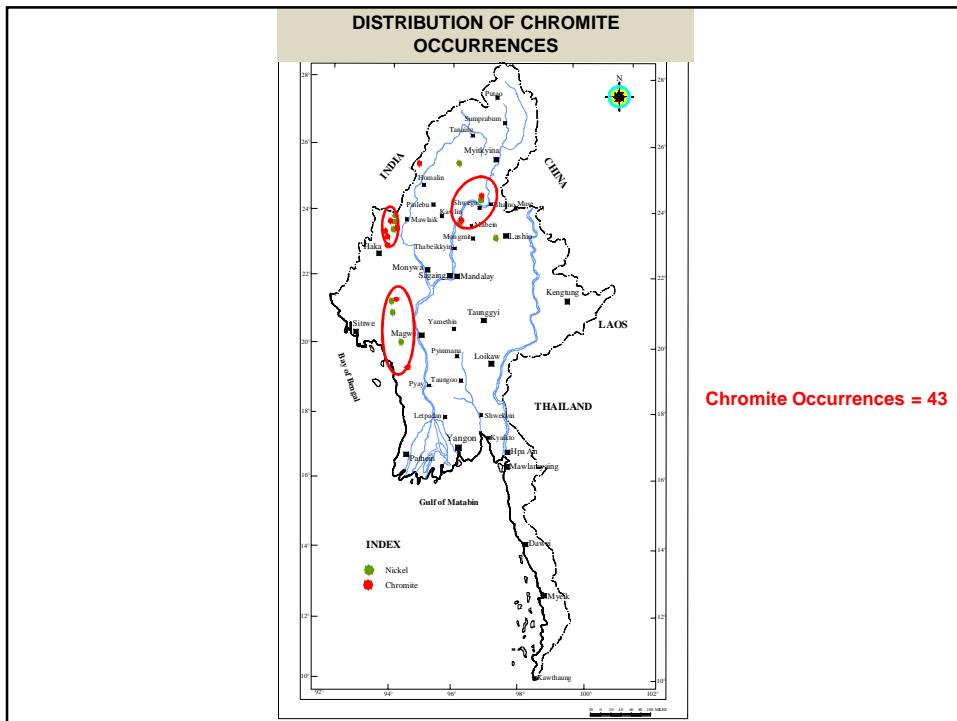
PRESENT SITUATION OF THE KYAUKPAHTO GOLD MINE, LOOKING SOUTH

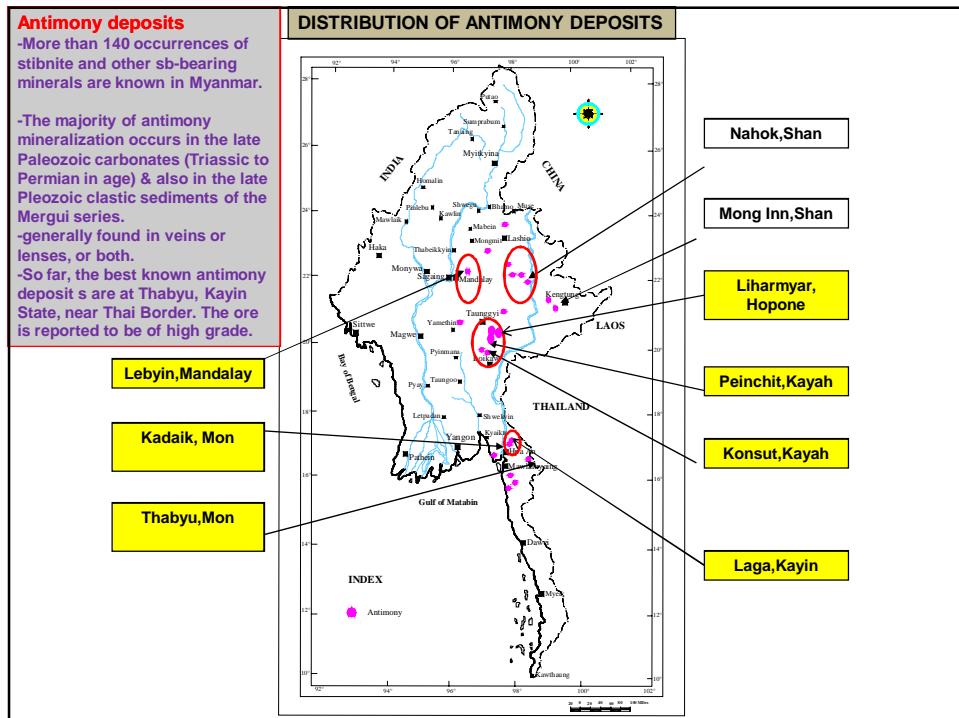
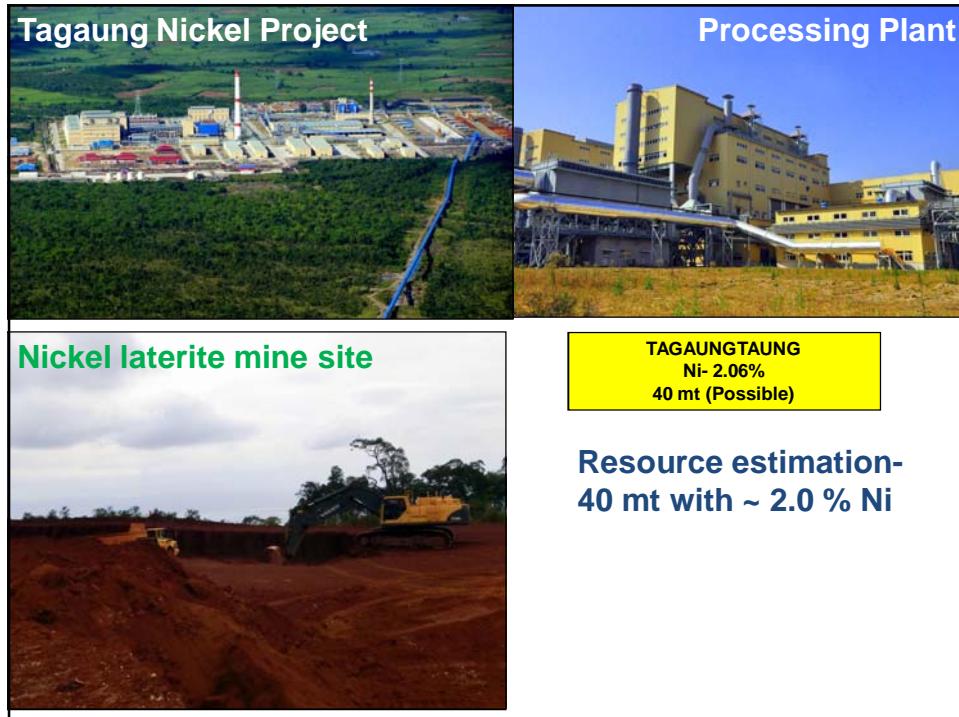
30

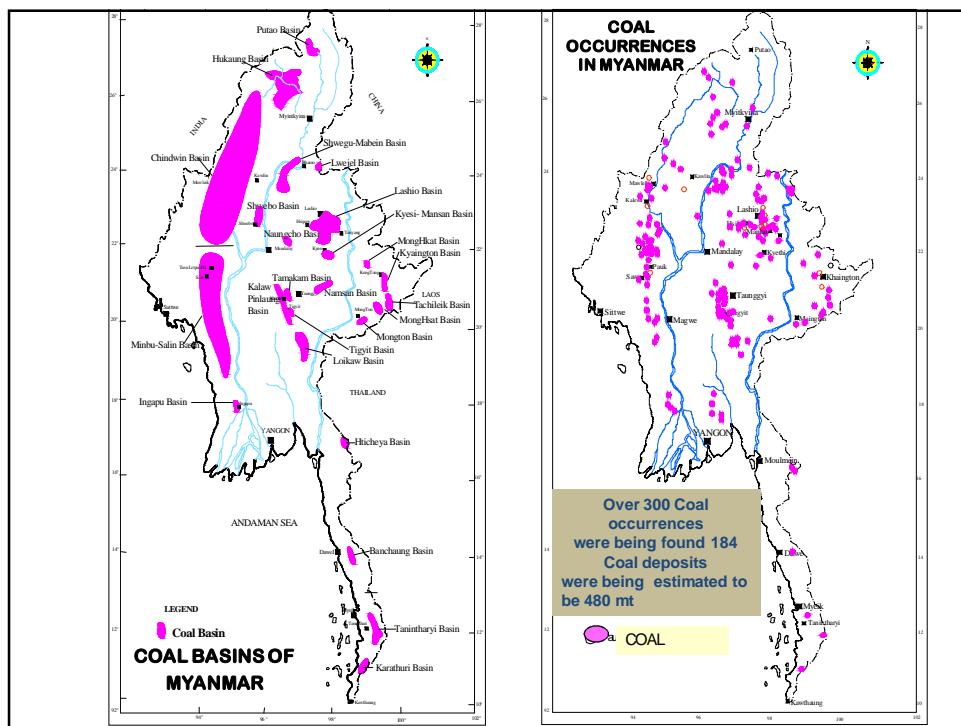
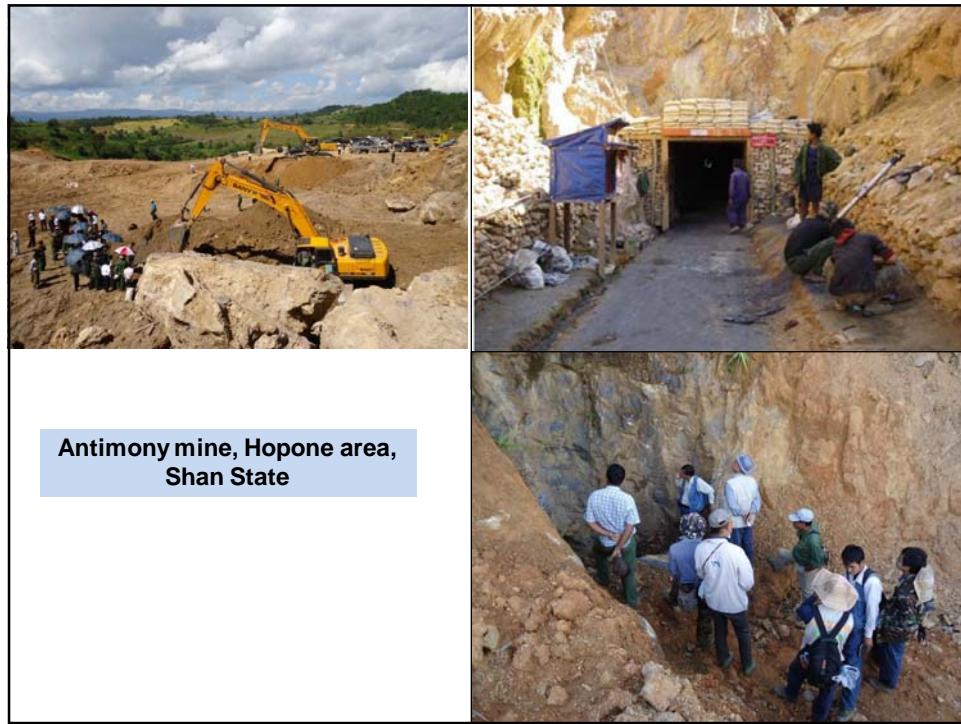


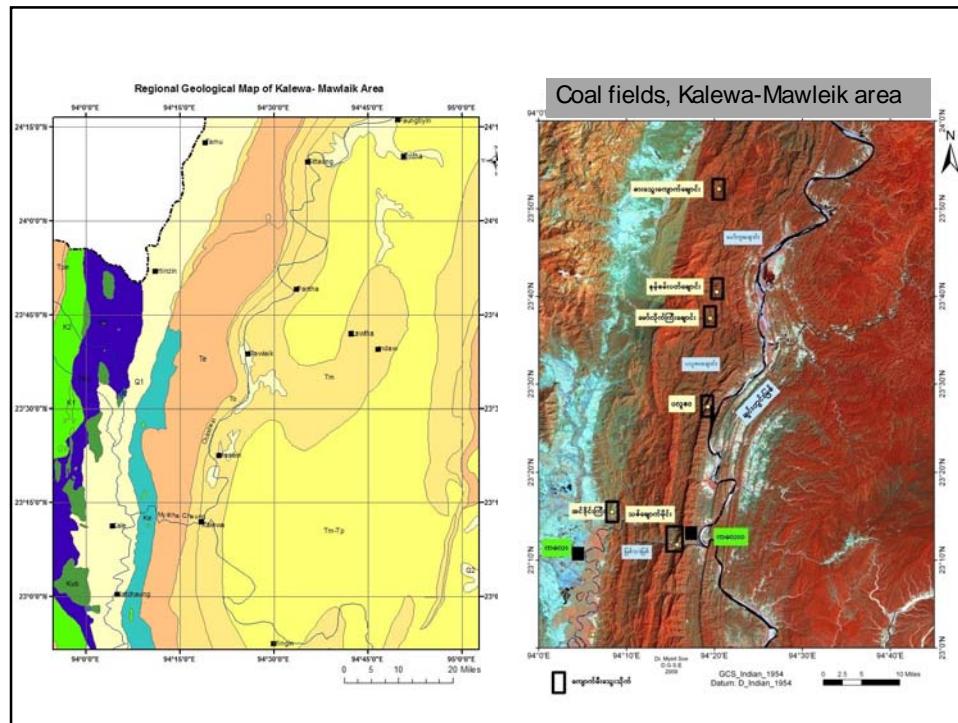


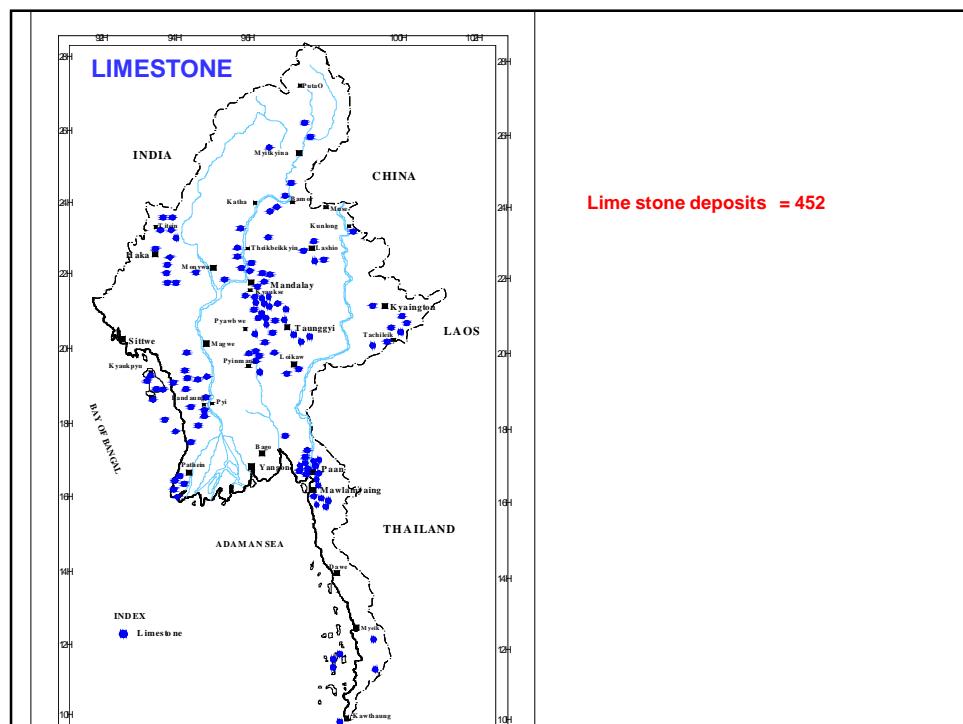
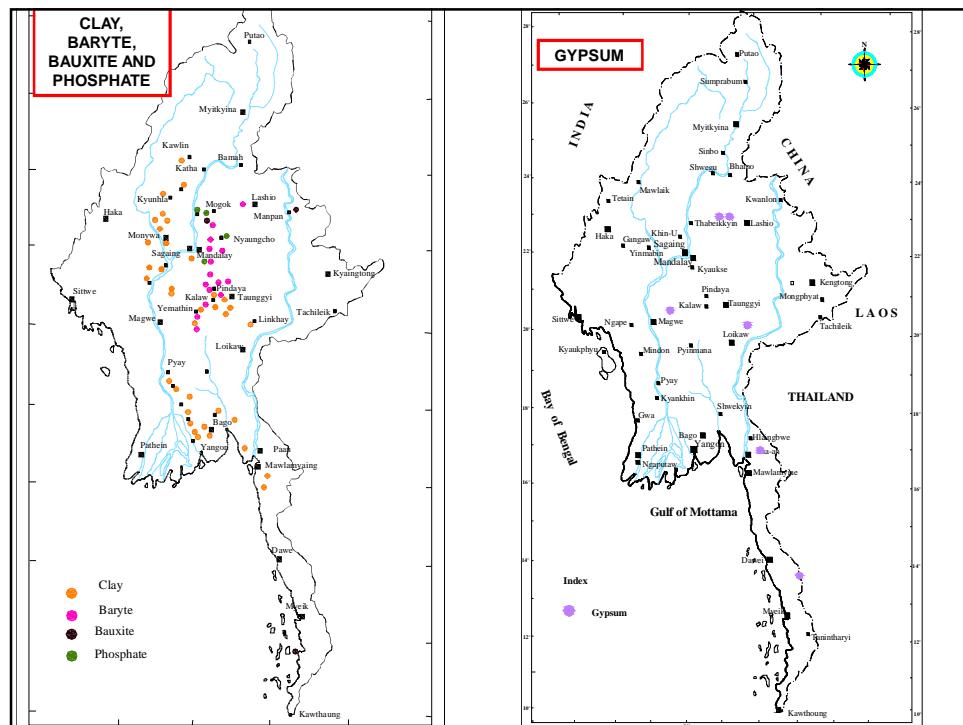


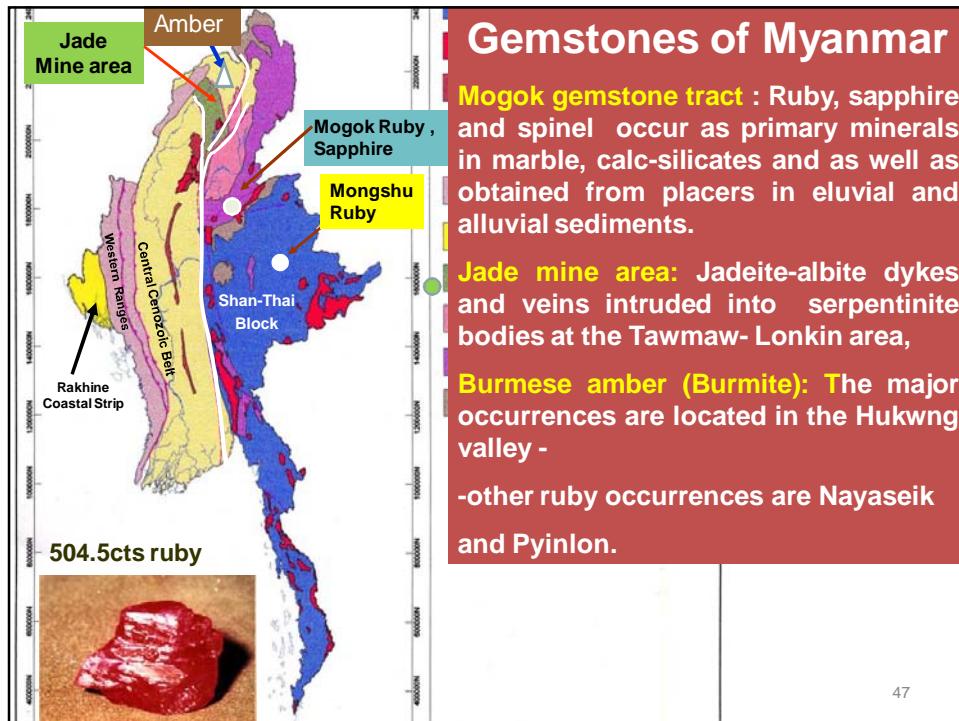






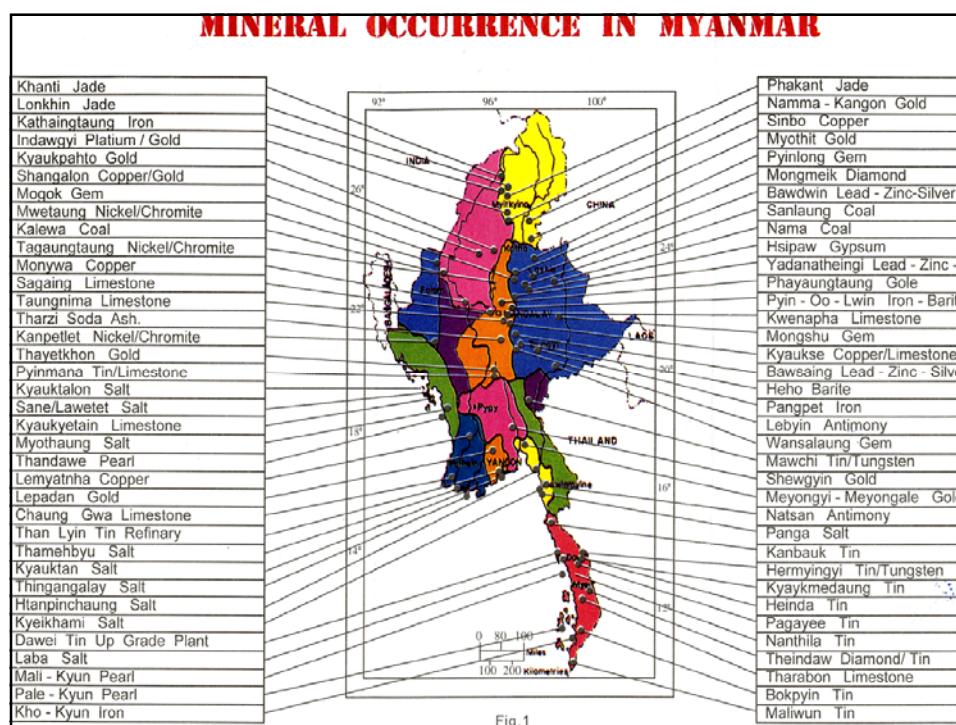












MINERAL POLICY

- ❖ To boost up present production
- ❖ To invite participation in terms of technical know-how and investment from sources within the country and abroad
- ❖ to fulfill the domestic requirements and to increase export by producing more mineral products;

Conclusion

Myanmar - within the complex tectonic zone of active oblique convergent between Asian and Indian plates exhibits the great diversity of geology, Physiography, structural deformation and as well as episodic mineralization events and various mineral commodities.

The mineral resources include Sn-W, base metals to precious to rare metals, industrial raw minerals, jade & gemstones, and as well as coal, oil & gas. But most of them are needed to be explored and proved systematically.

**We hope there'll be more cooperation
between Myanmar and Your Country in
the near future.**

55

Thank You

56