

# TREM

17-18 March 2010

## **Rare Earths: Mine to Market**

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Mountain Pass



Mount Weld



Bear Lodge



Bokan Mountain

Geology





Fieldwork



Sample

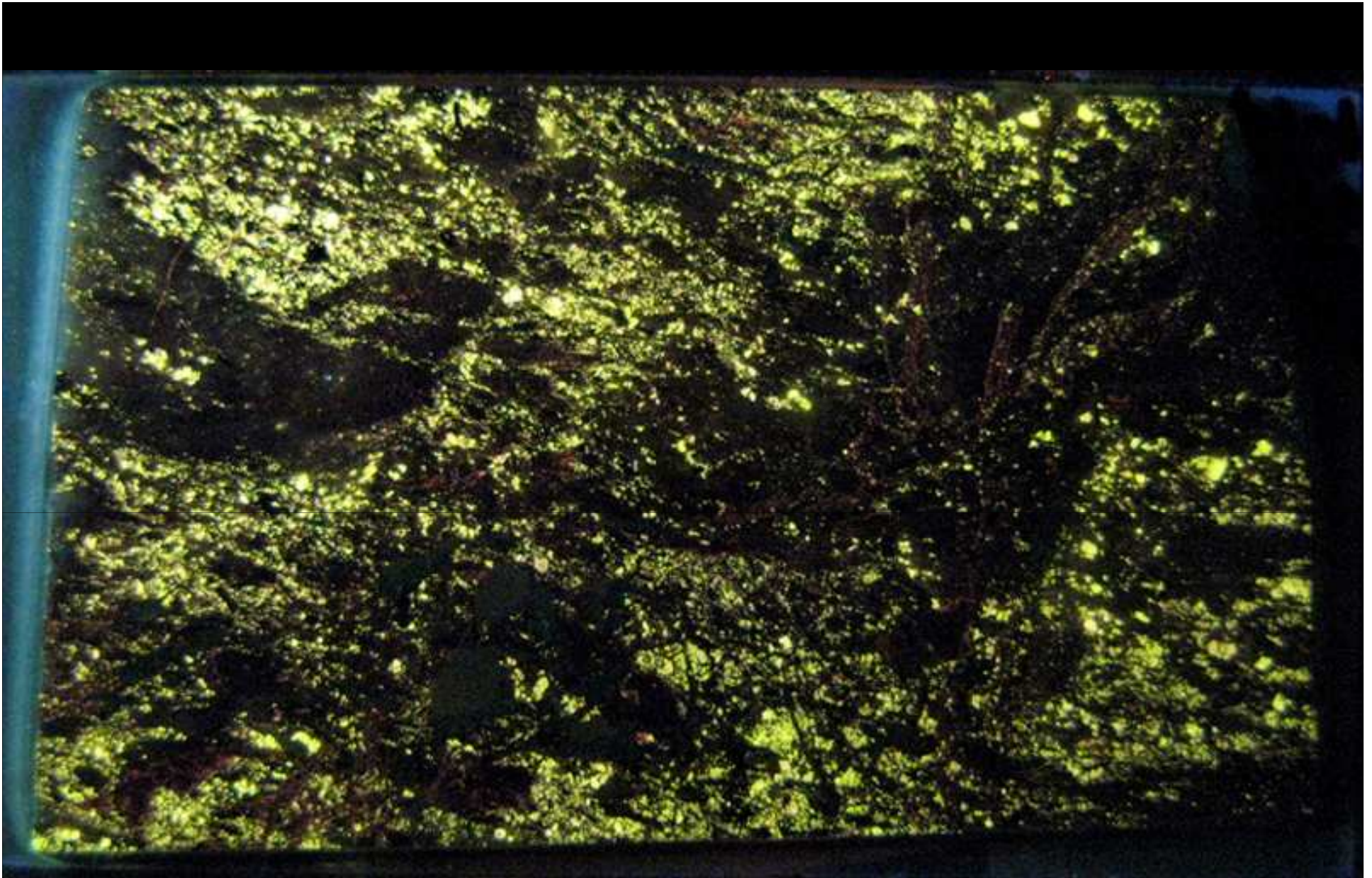






Thin Section





Thin Section CL



Carbon  
Coating



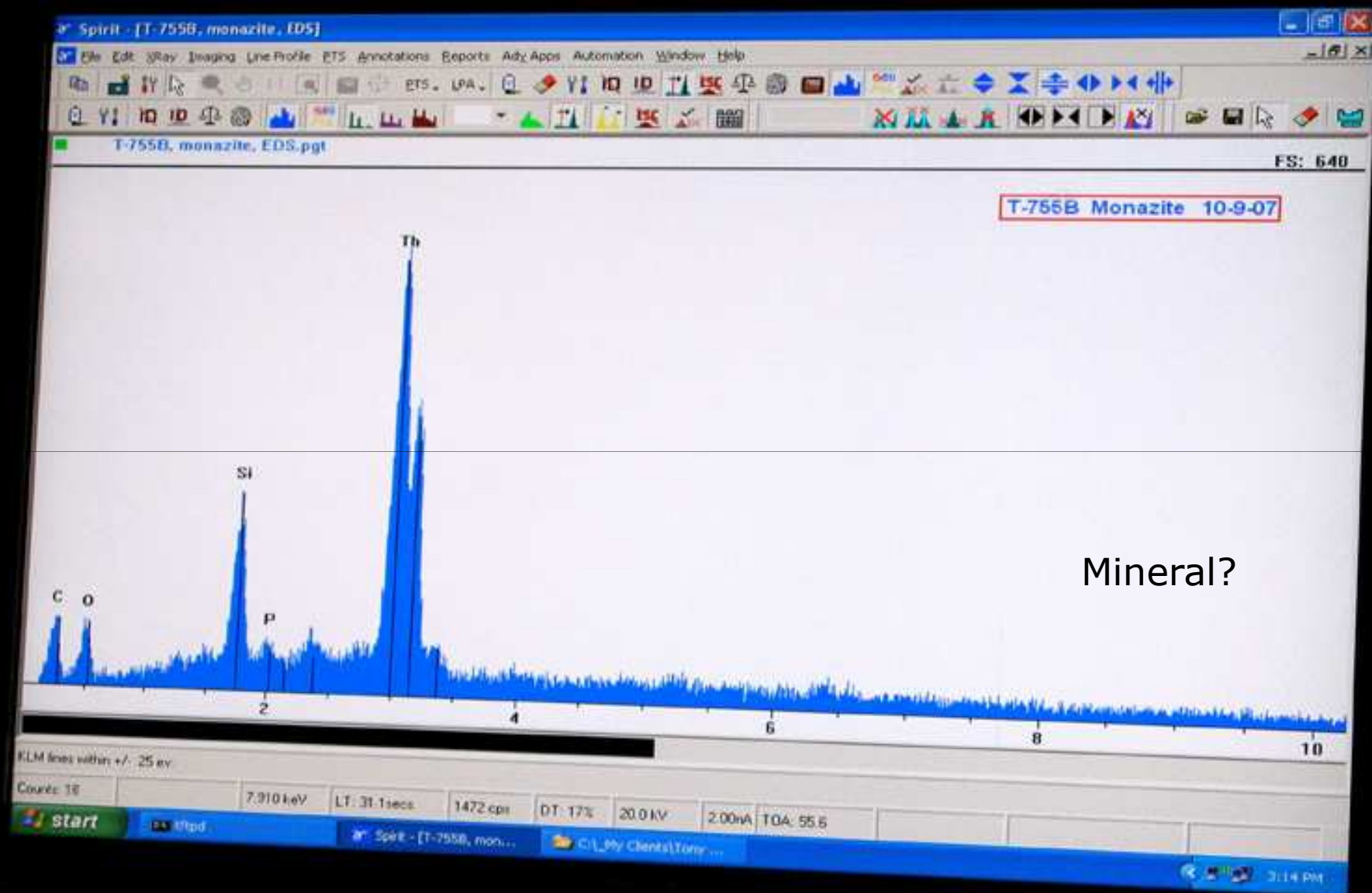
Carbon  
Coating






Labwork









A photograph showing three types of mineral grains: Monazite, Xenotime, and Zircon. The Monazite grains are orange-brown and irregularly shaped. The Xenotime grains are smaller, yellowish, and more angular. The Zircon grains are transparent, yellowish, and have distinct prismatic crystal forms. The grains are arranged on a white background, with labels placed near their respective groups.

Monazite

Zircon

Xenotime



Drilling





Core Sample





Core Storage



Concentration



ANSTO





Precipitation



Ball Mill





Flotation



Filtering



Separation

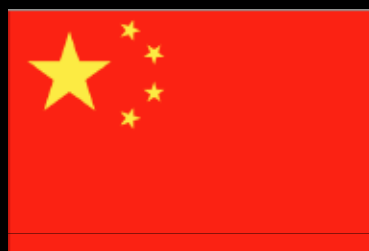


Solvent Extraction





Product



China



Baotou



## Rare Earth Hi-Tech Zone







Bayan Obo

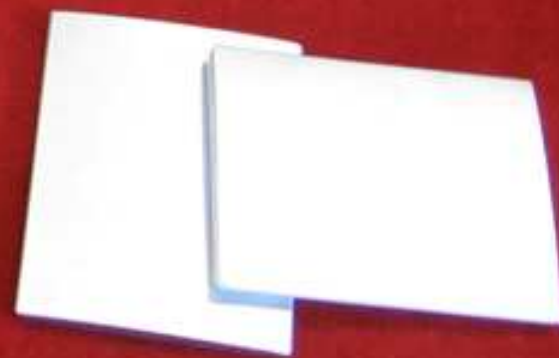


Oxides





Metals



Magnets



稀土信息中心

CHINA RARE EARTH INFORMATION CENTER







Rare Earth Development Zone



Baotou Rare Earth  
International Hotel



星期四

Thursday



A blue book cover with a gold border and decorative corner motifs. The text '星期五' and 'Friday' is centered in gold.

星期五  
Friday