journal homepage: www.elsevier.com/locate/precamres

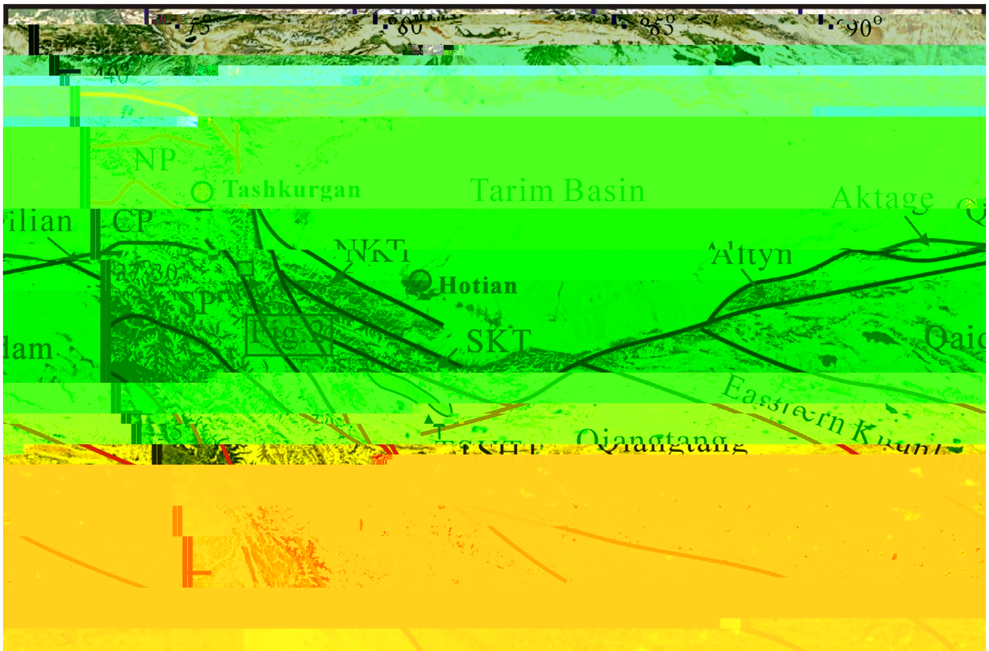

Fig. 1.

2. Regi al Ge l g a d field b e a i

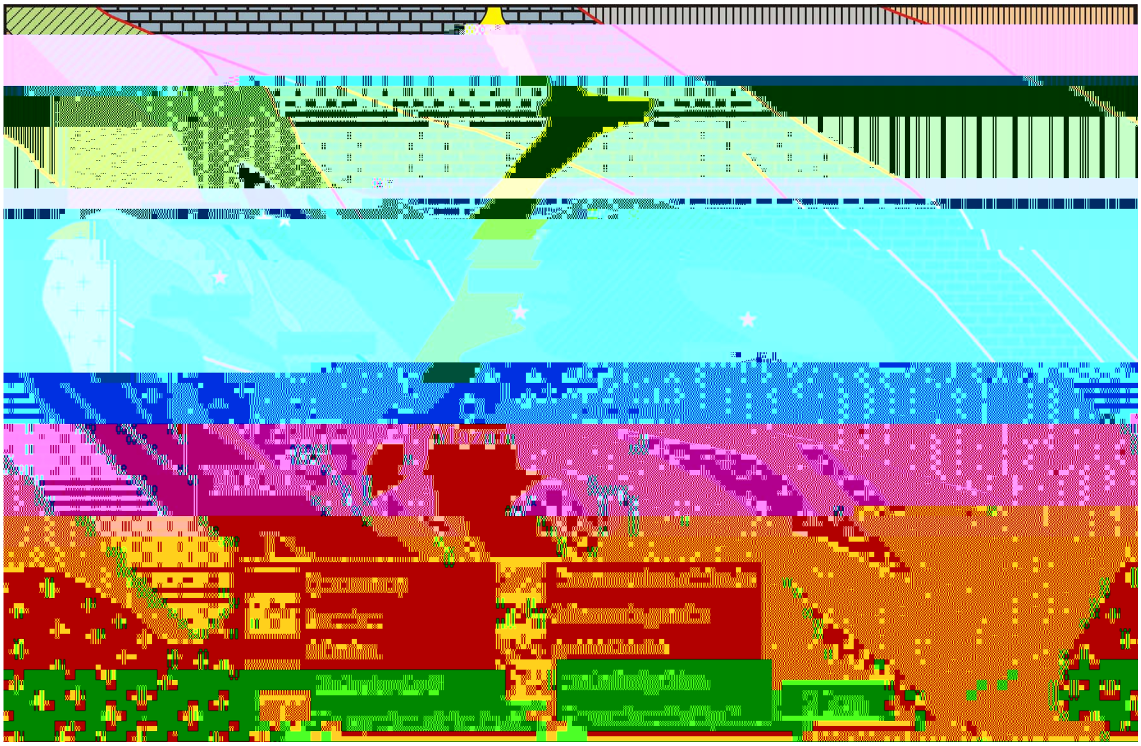

Fig. 2.

3. Pe g a h

3.1. The metamorphic bimodal volcanic rocks

meta

3.2. The trondhjemite-tonalites

3.3. The granodiorite

4. A al ical ced e

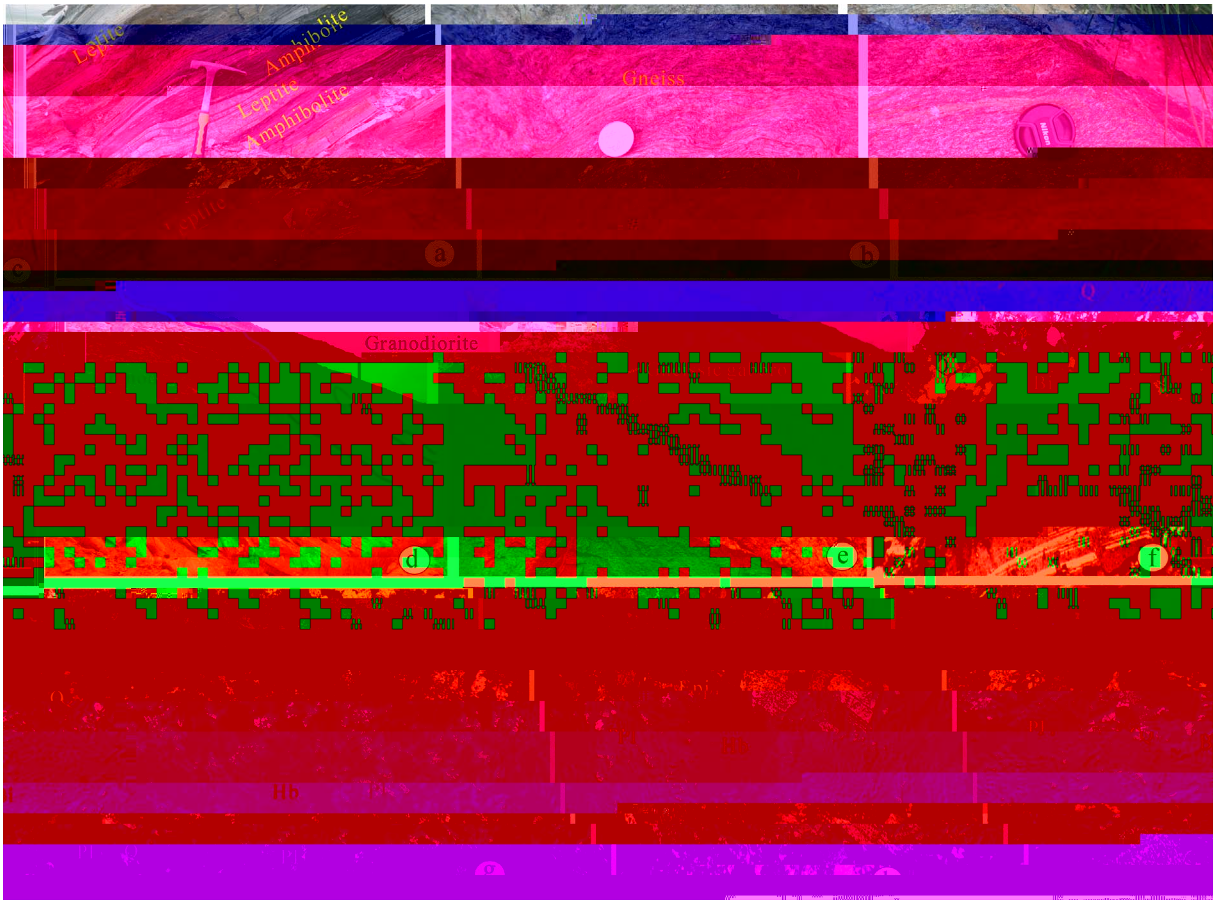
Leptite
Amphibolite
Leptite
Amphibolite
Gneiss
a
b
Granodiorite
d
e
f

Fig. 3.

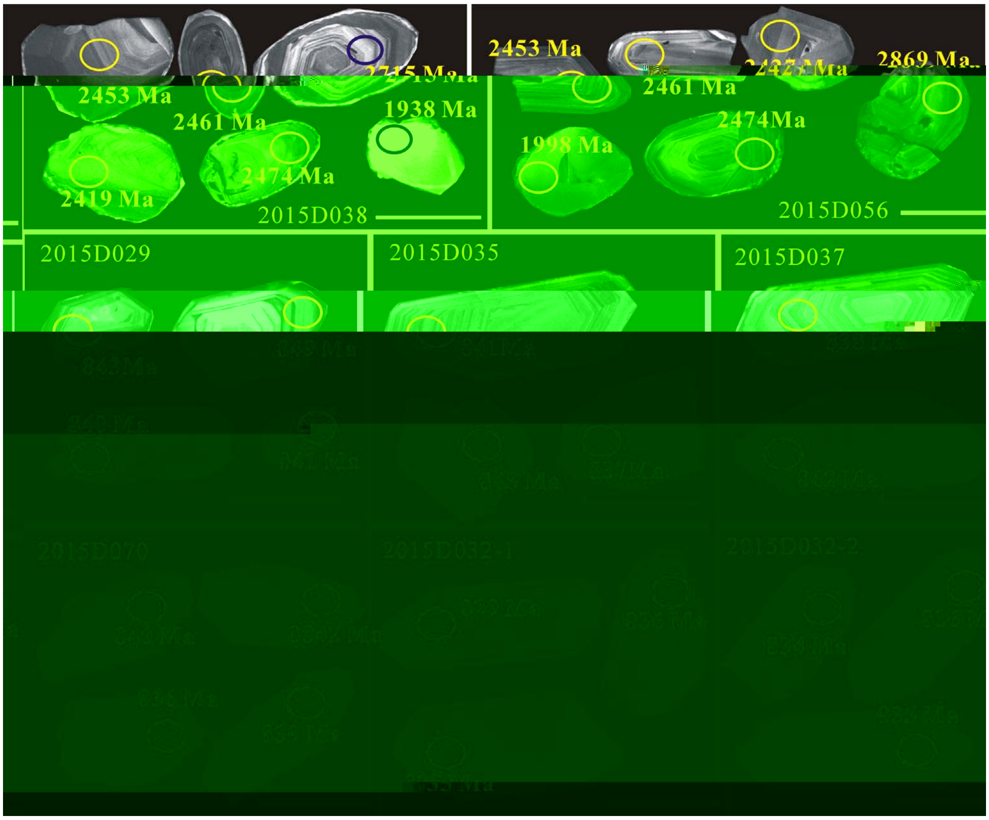

Fig. 4. *meta*

5. A al ical e

5.1. Zircon U-Pb ages

5.1.1. Age of the Archean volcanic-sedimentary sequence

5.1.2. Age of the trondhjemite and tonalite

5.1.3. Ages of the granodiorite and the pegmatite

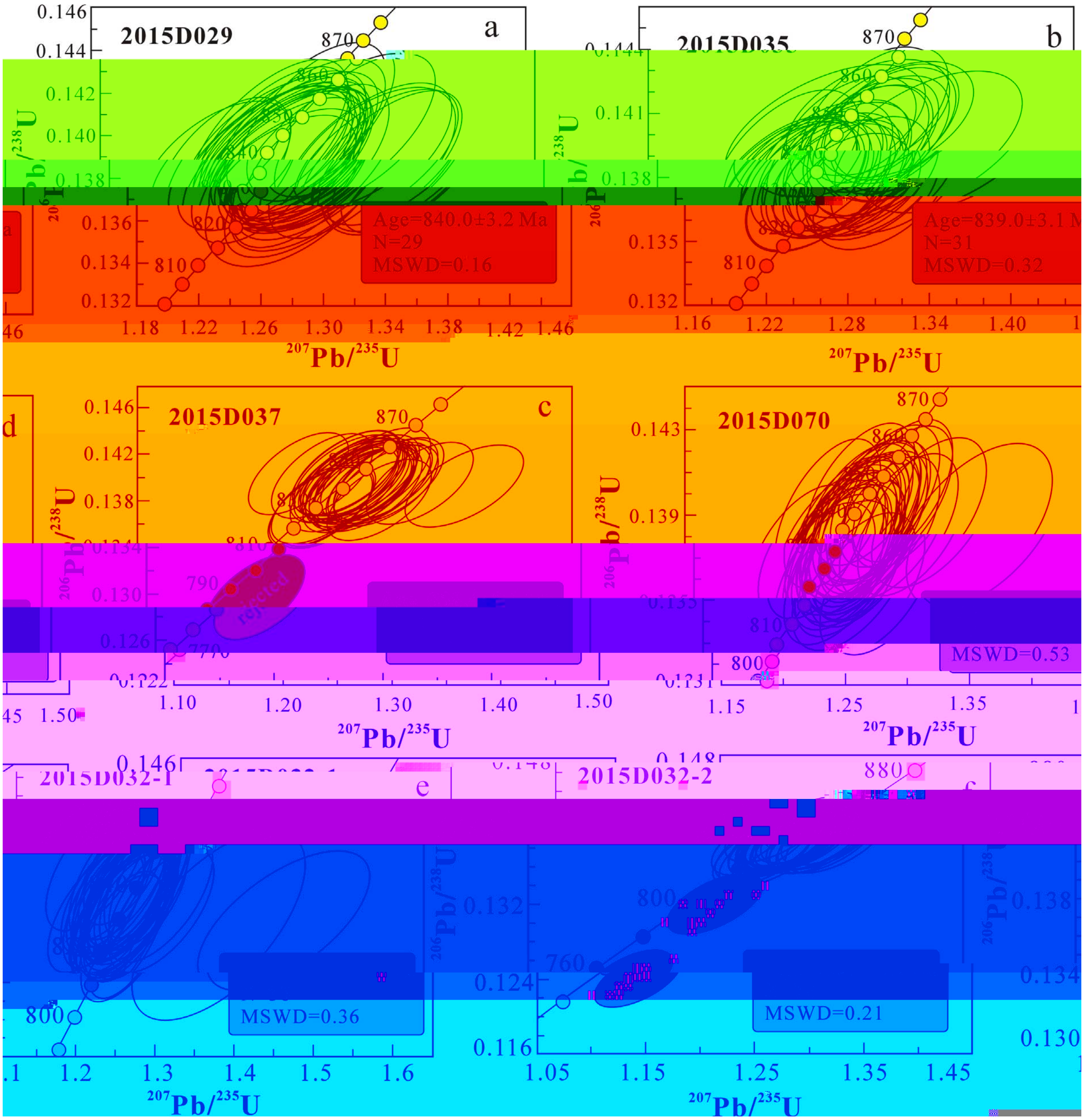

Fig. 6. [illegible]

[illegible]

5.2.2. The granodiorite

[illegible]

5.3. Zircon Hf isotope compositions

[illegible]

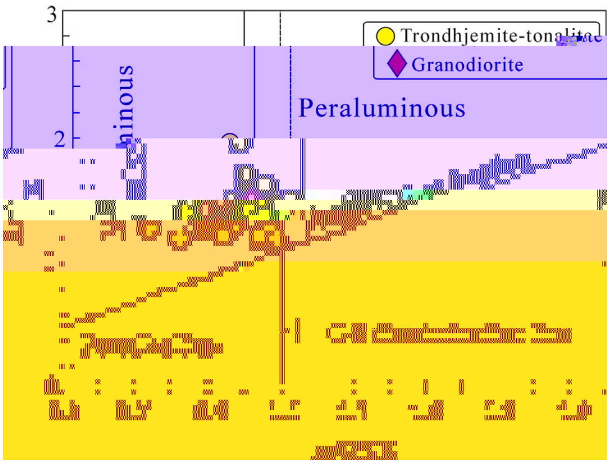

Fig. 7. [illegible]

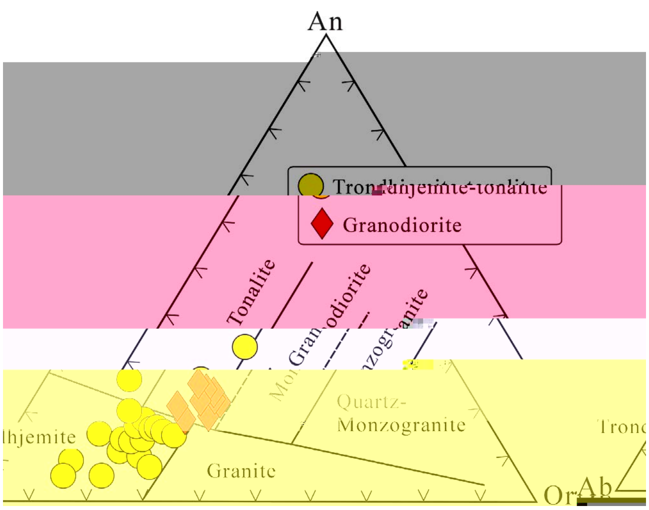

Fig. 8. [illegible]

[illegible]

5.4. Whole-rock Nd-Sr isotope compositions

[illegible]

6. Di[illegible]

6.1. Petrogenesis of the trondhjemite-tonalites

[illegible]

6.2. Petrogenesis of the granodiorite

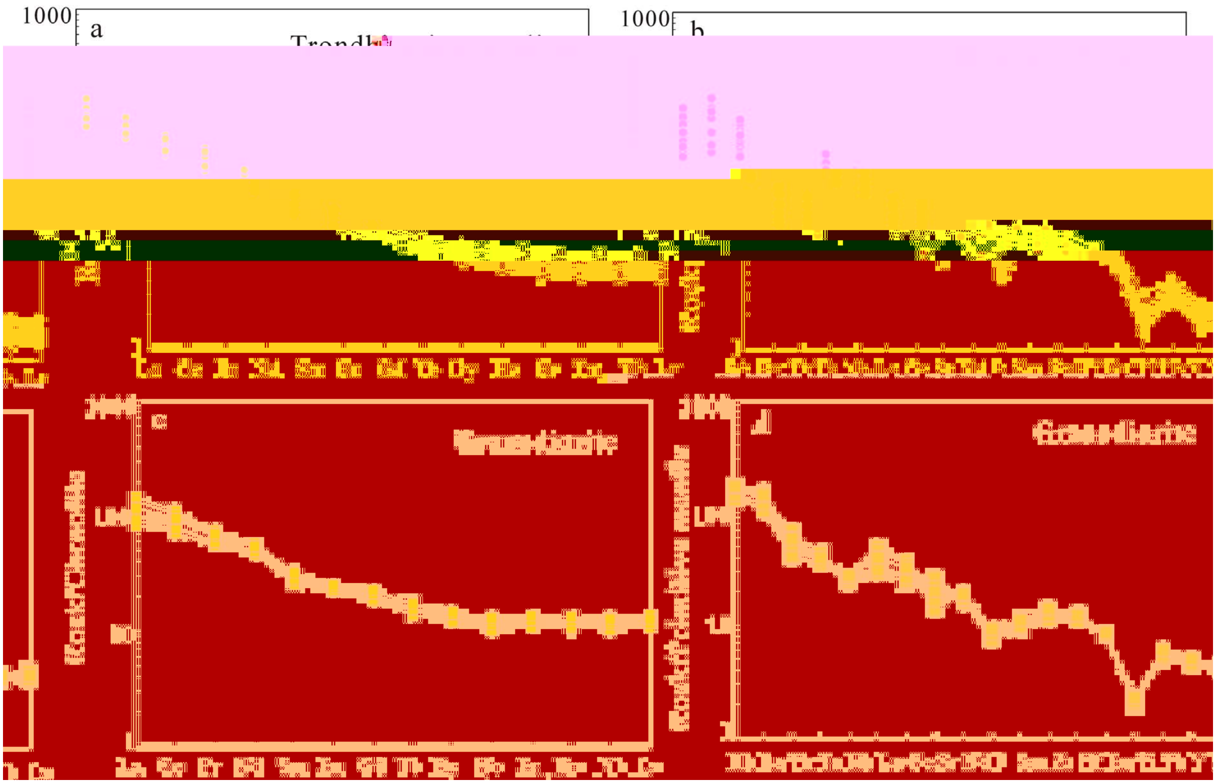

Fig. 10.

6.3. Tectonic implications

6.3.1. Tectonic environment of the Neoproterozoic granitic intrusions

6.3.2. The initial breakup of the Rodinia supercontinent

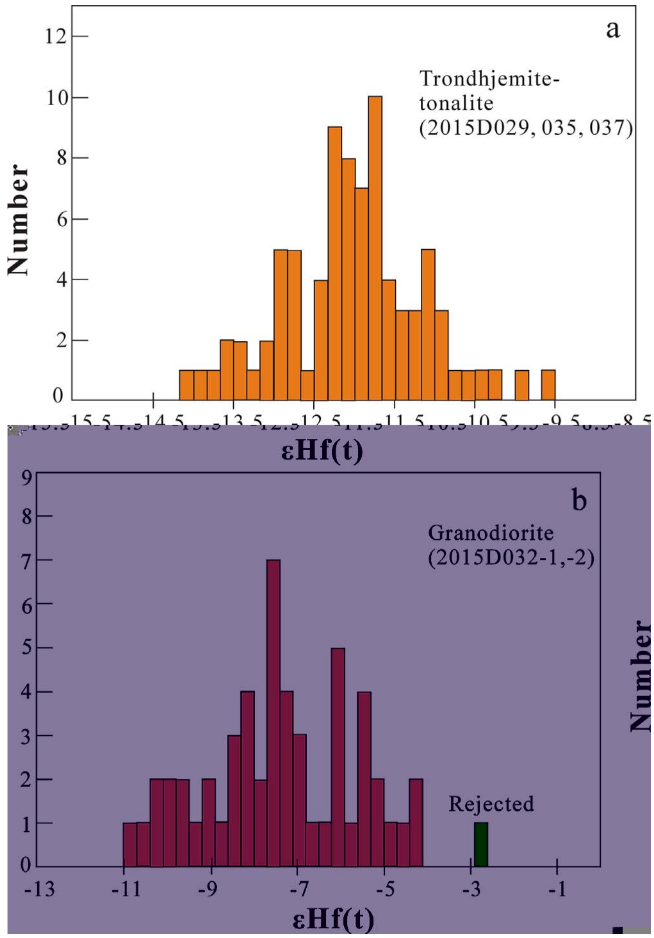

Fig. 11.

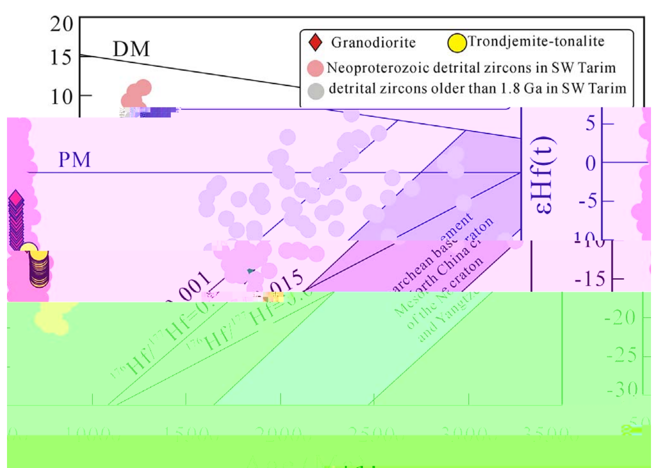

Fig. 12.

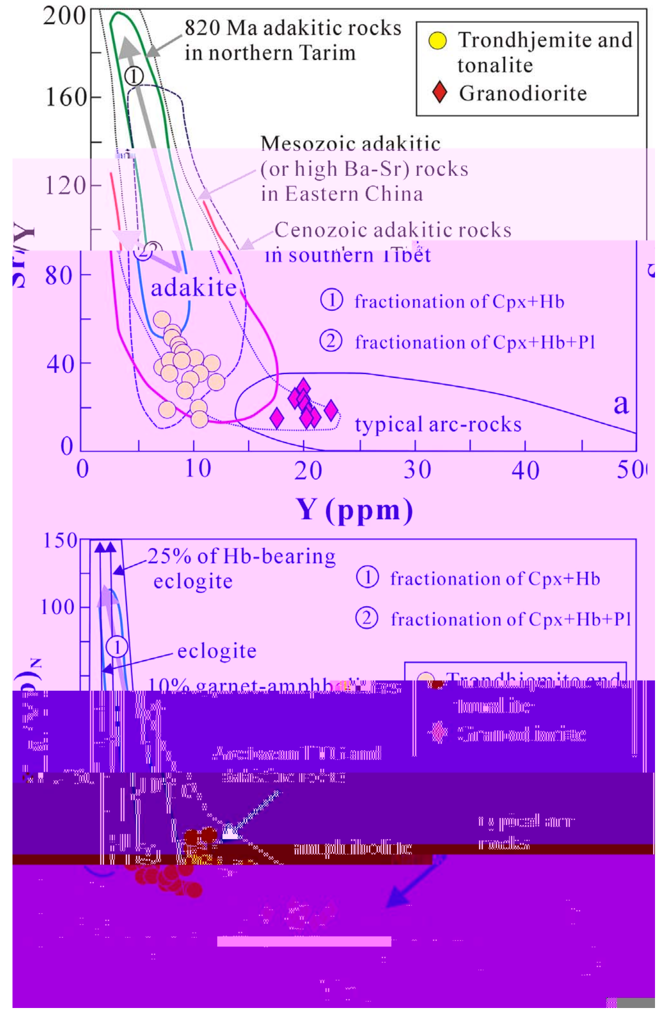

Fig. 13.

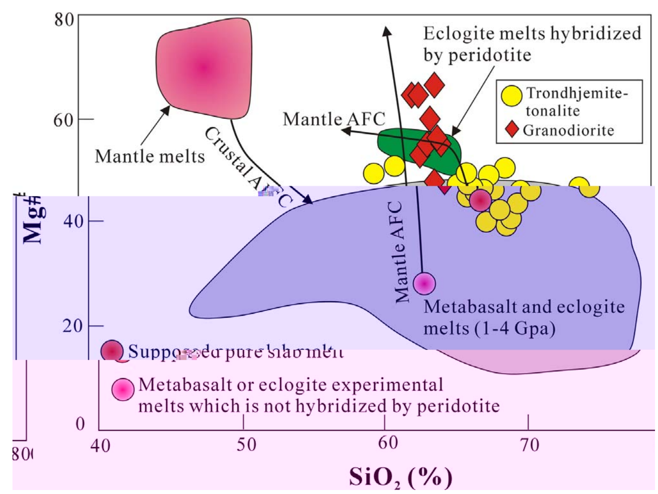

Fig. 14.

6.3.3. Two distinct types of the Precambrian terranes in Tibetan Plateau fi ≥ fi

Ack ledge e

fi

A e di A. S le e a da a

Refe e ce