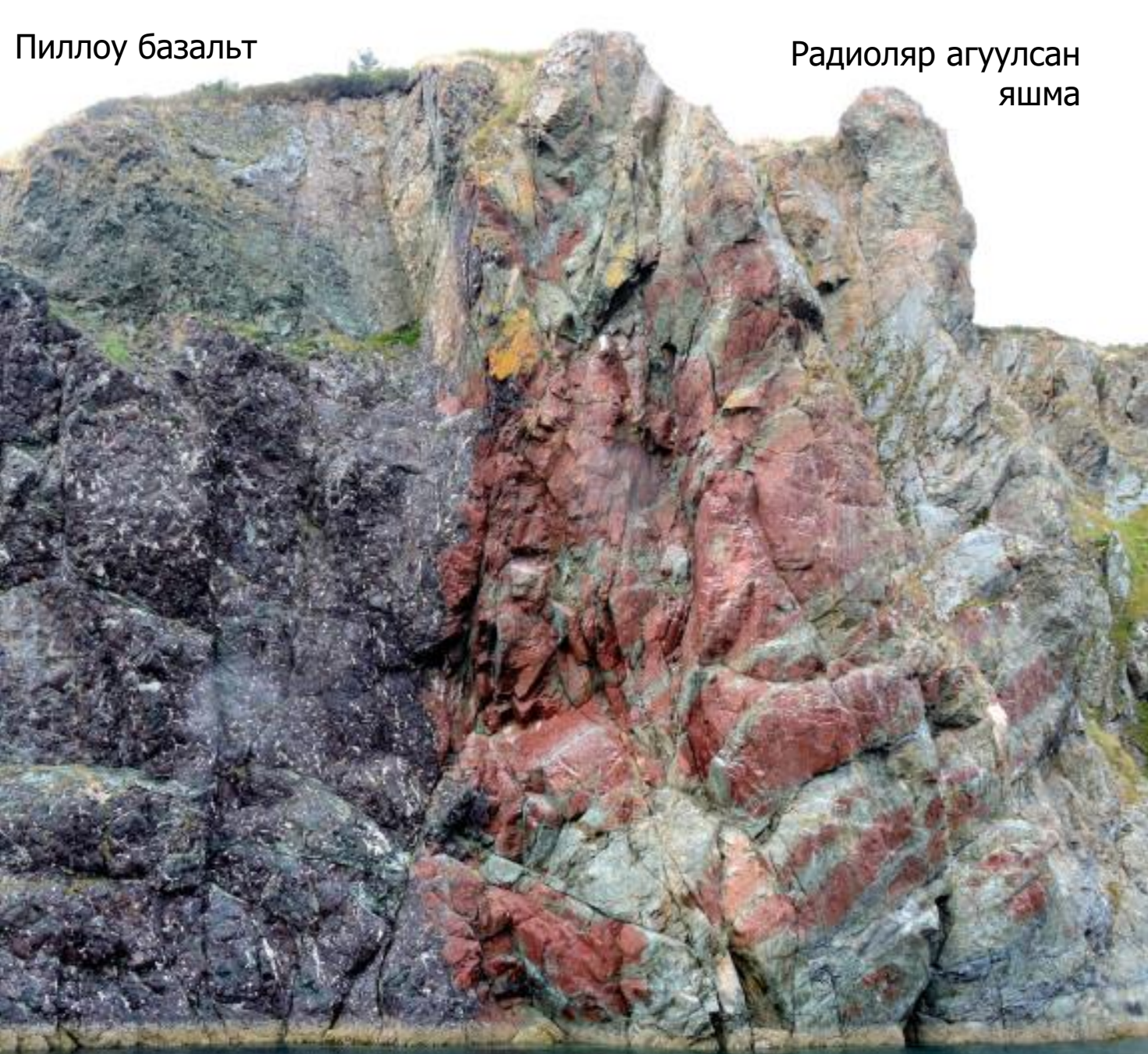


Пиллоу базальт

Радиоляр агуулсан  
яшма



Photographer: James Van Gundy  
Cretaceous McHugh Complex, Alaska



## АККРЕЦИЙН КОМПЛЕКСЫН СУДАЛГАА

**Л.Дагва-Очир**

**Регионал геологи, тектоникийн салбар**

**ШУА-ийн Геологийн Хүрээлэн**

**Э-шуудан: [Dagvaochir@mas.ac.mn](mailto:Dagvaochir@mas.ac.mn)**



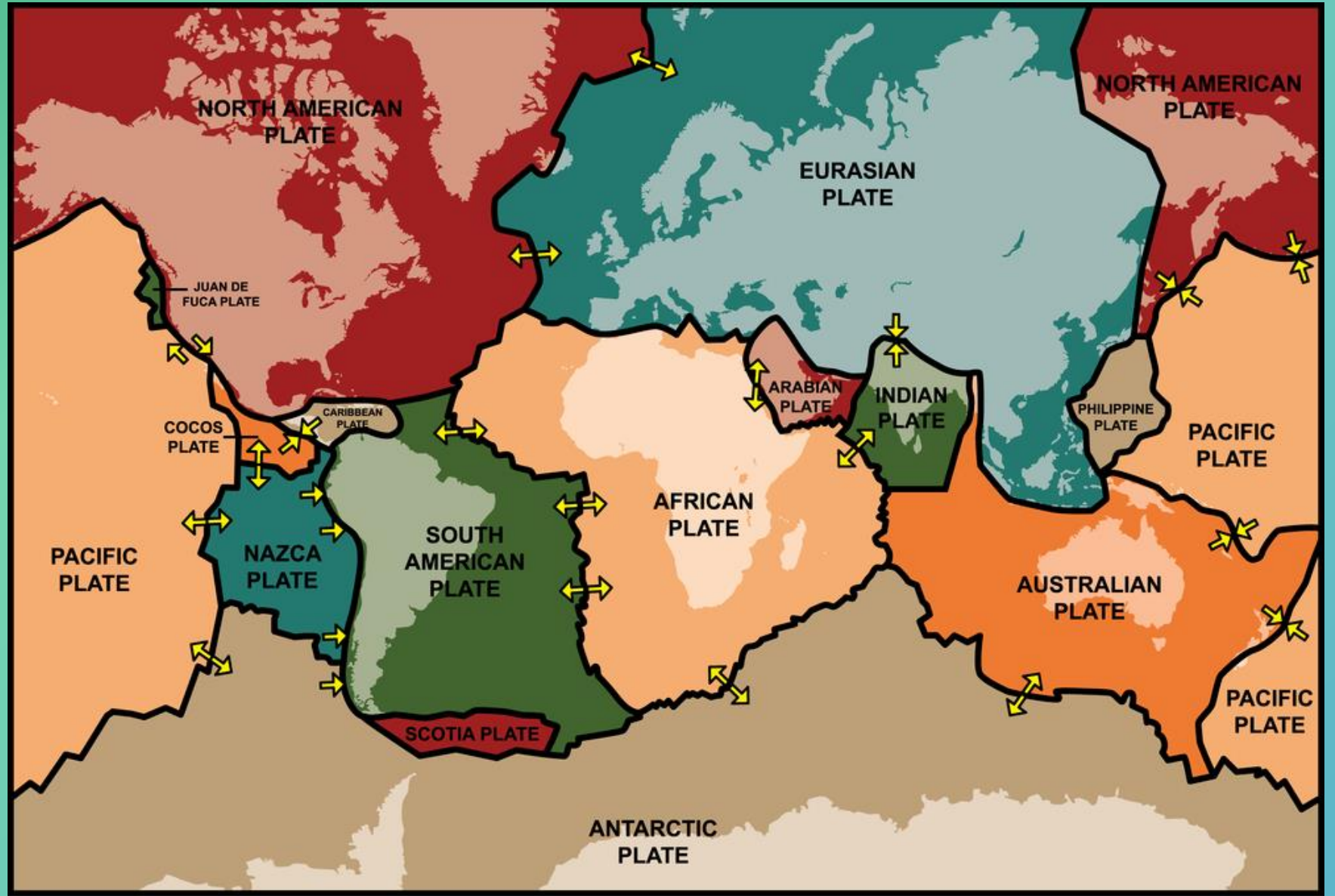
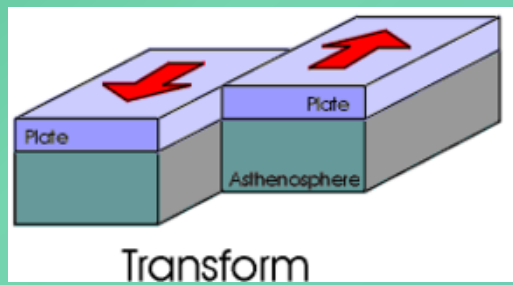
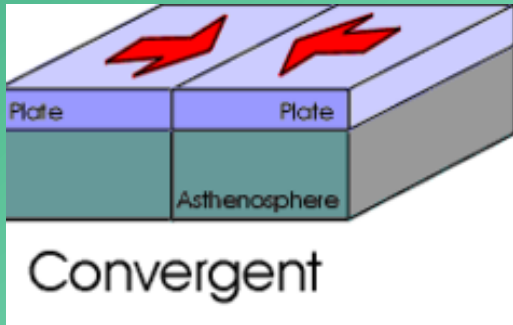
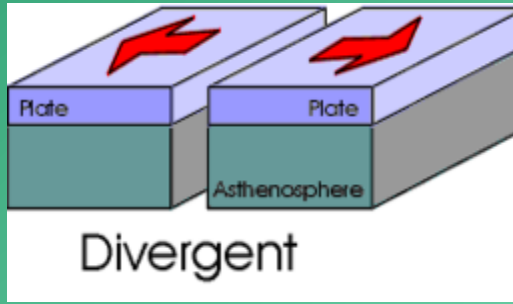
## АГУУЛГА

- I. АККРЕЦИЙН КОМПЛЕКС ГЭЖ ЮУ ВЭ?
- II. МОНГОЛ ОРОН ДАХЬ АККРЕЦИЙН КОМПЛЕКСЫН СУДАЛГАА
- III. АККРЕЦИЙН КОМПЛЕКСЫН СУДАЛГААНЫ АРГА, АРГАЧЛАЛ



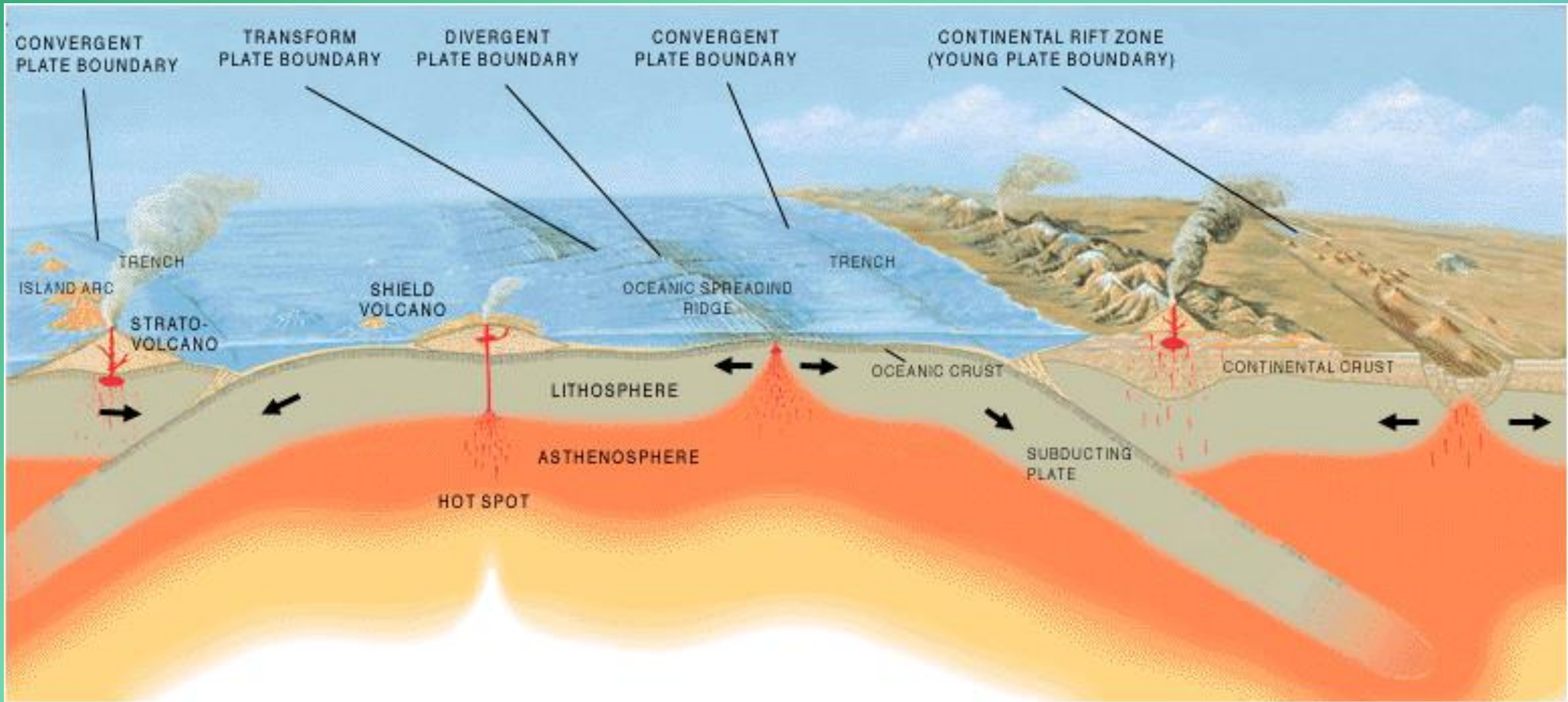
# АККРЕЦИЙН КОМПЛЕКС ГЭЖ ЮУ ВЭ?





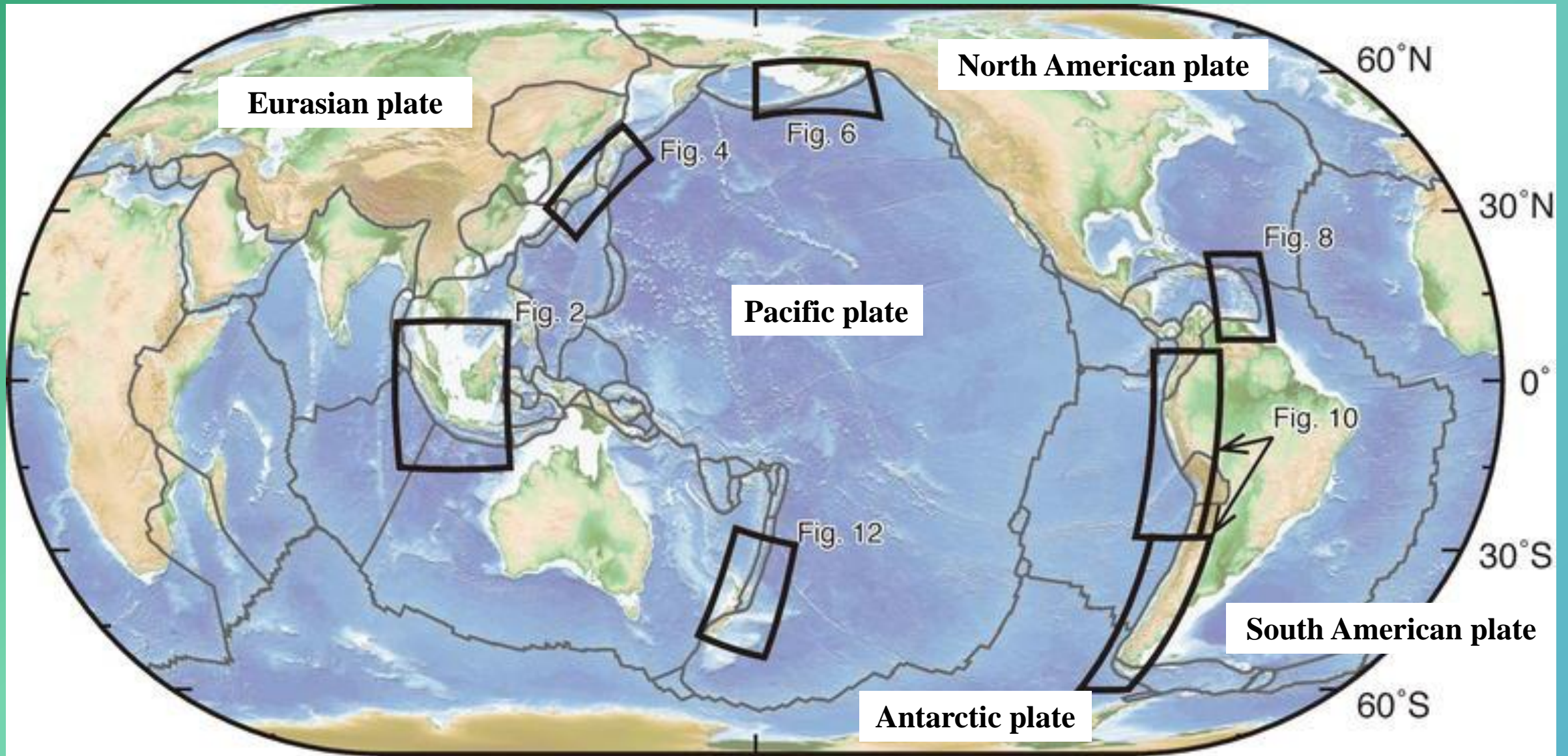
(Rey et al., 2014)





(U.S. Geological Survey)





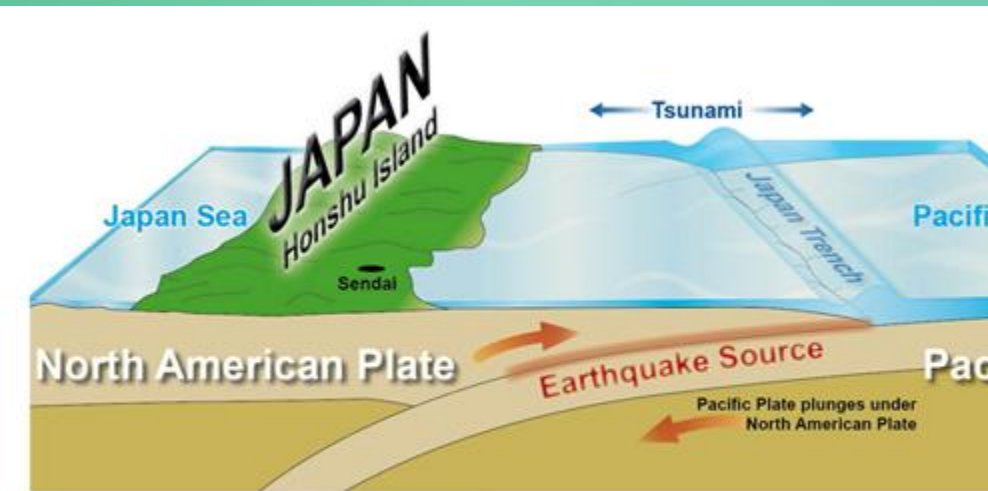
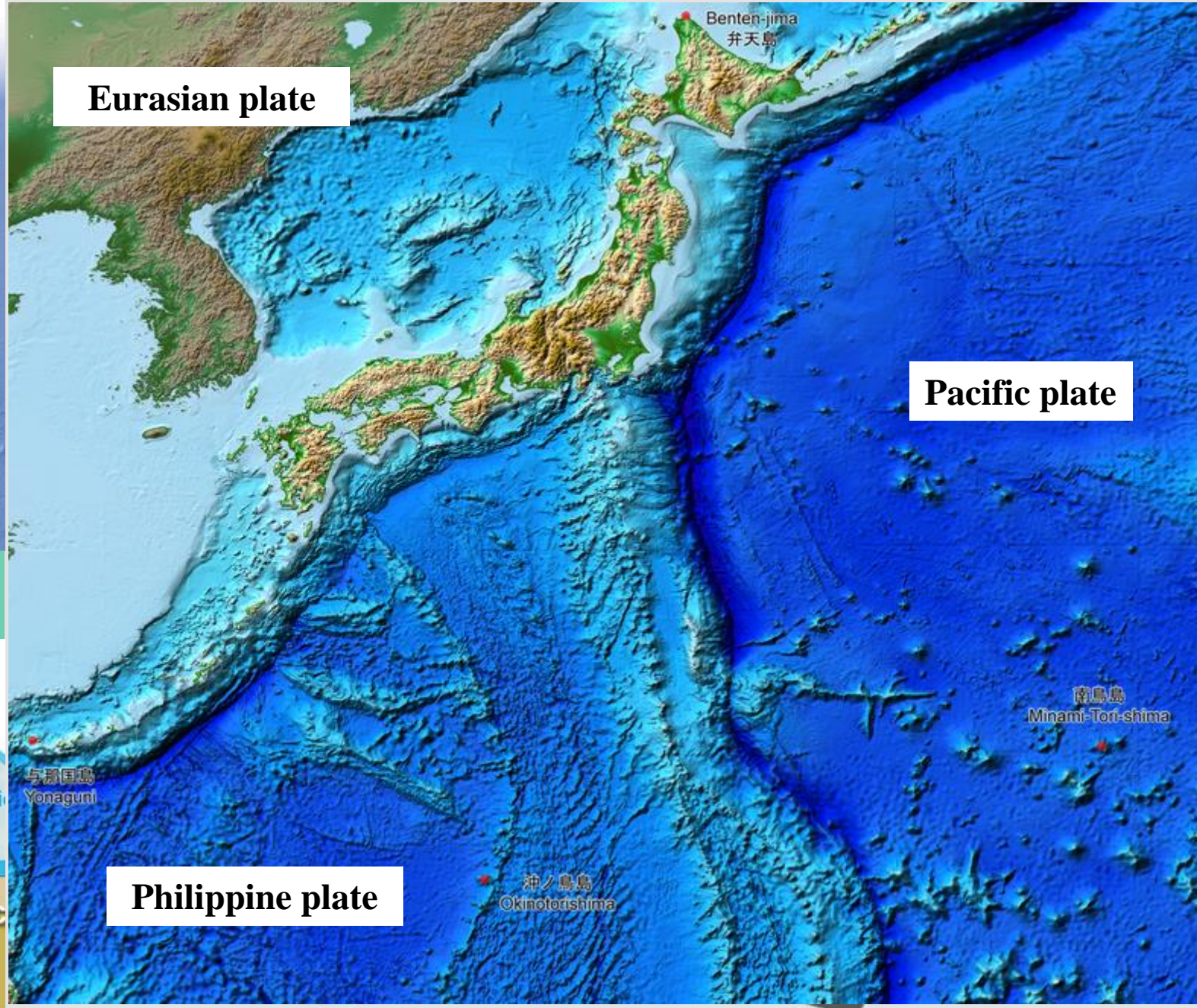
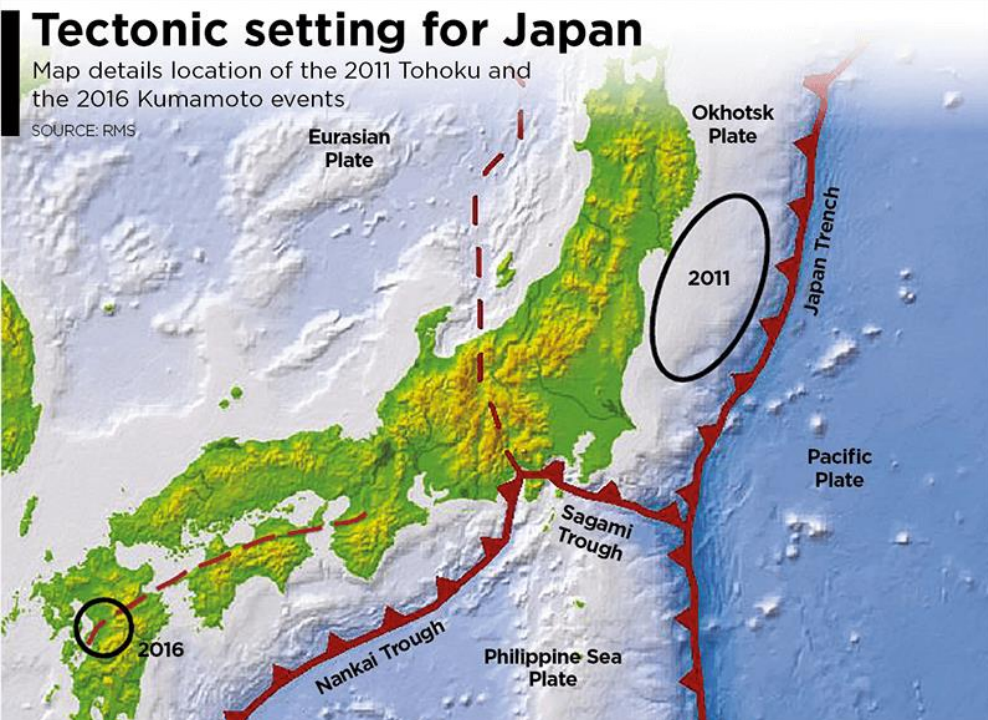
(Noda and Miyakawa, 2017)



# Tectonic setting for Japan

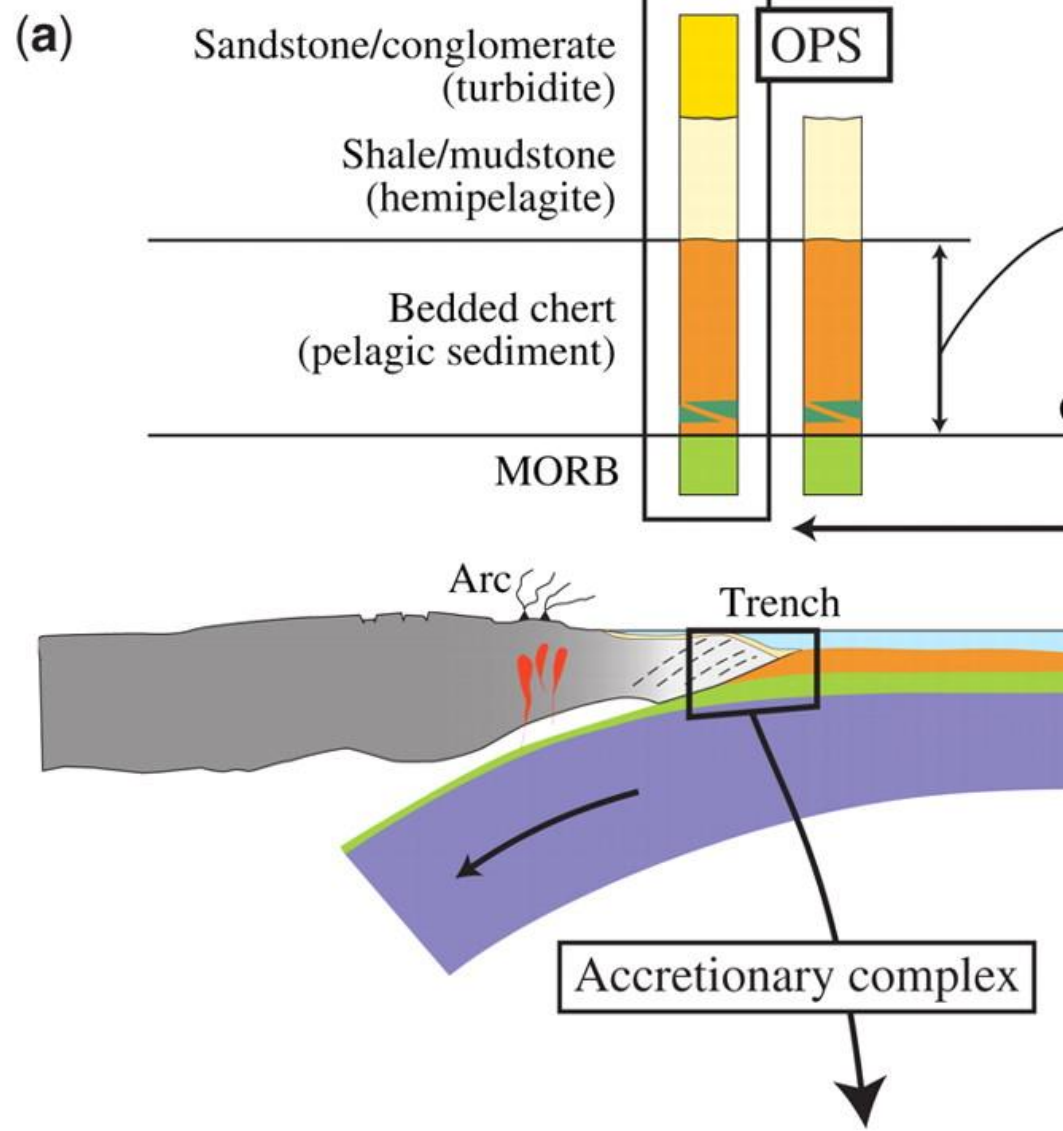
Map details location of the 2011 Tohoku and the 2016 Kumamoto events

SOURCE: RMS



Tectonic setting of Japan





(Maruyama et al., 2010)

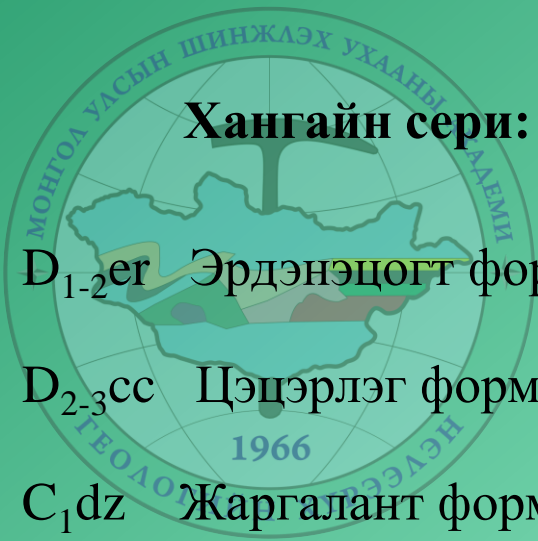






**МОНГОЛ ОРОН ДАХЬ АККРЕЦИЙН  
КОМПЛЕКСЫН СУДАЛГАА**



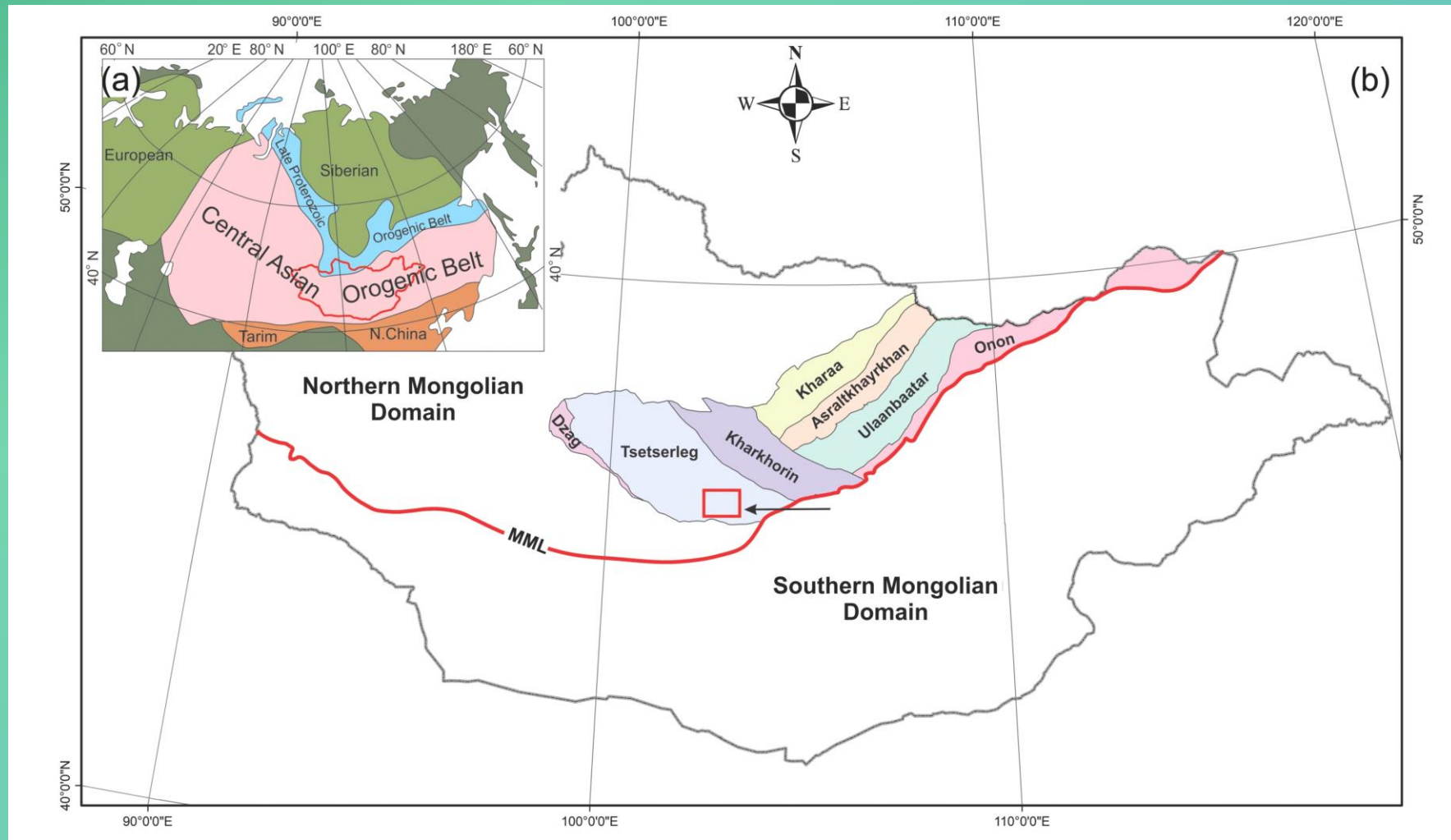


## Хангайн сери:

$D_{1-2}er$  Эрдэнэцогт формац

$D_{2-3}cc$  Цэцэрлэг формац

$C_1dz$  Жаргалант формац



- Ufland, A.K., Filippova, I.B., 1967
- Kurimoto, 1997; Teraoka et al., 1996
- Buchan et al., 2001, 2002; Badarch, 2005; Osozawa et al., 2008
- Kurihara et al., 2009, Hara et al., 2013; Tsukada et al., 2013

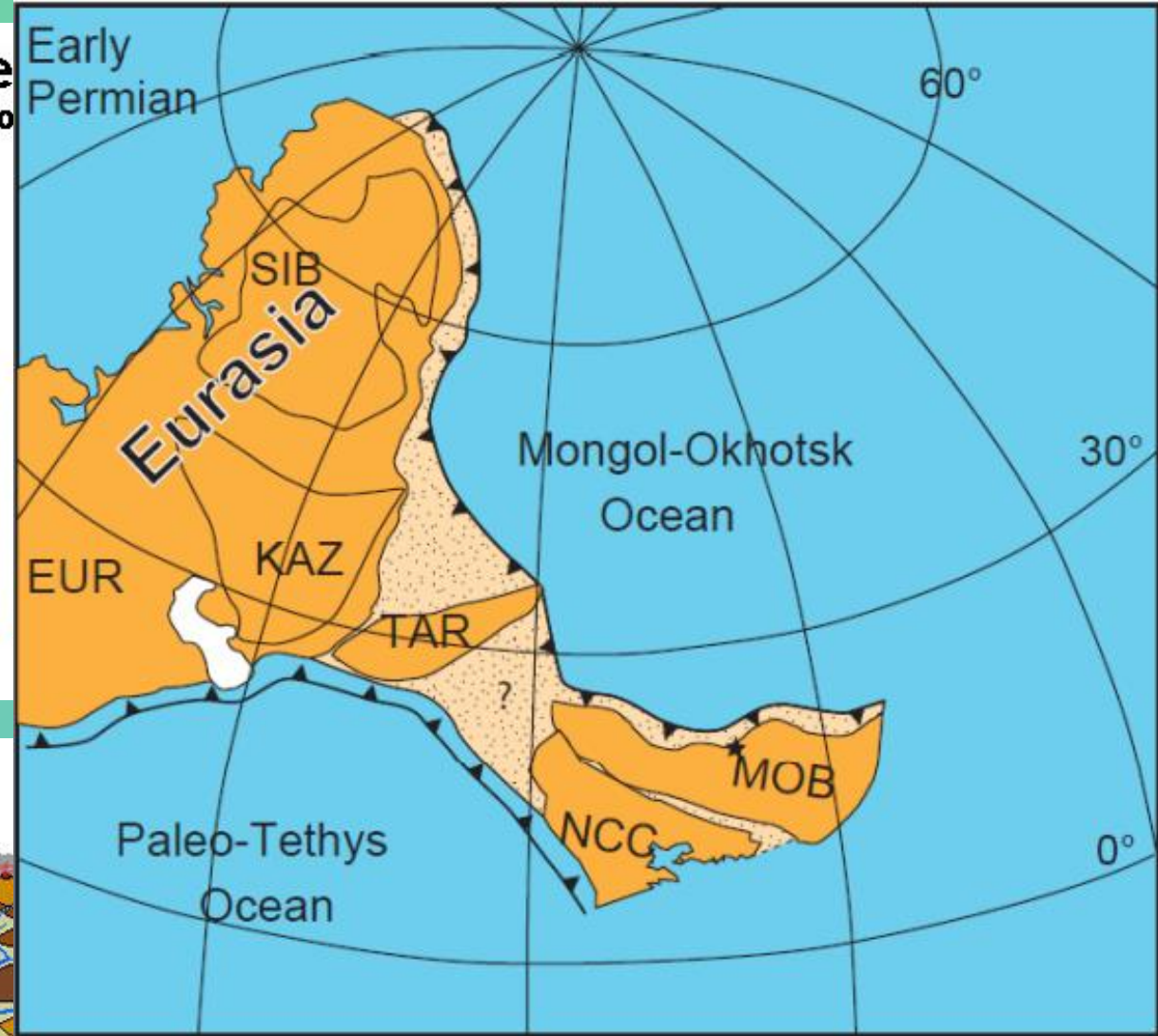




## Passive Continents

example: East and Gulf Co

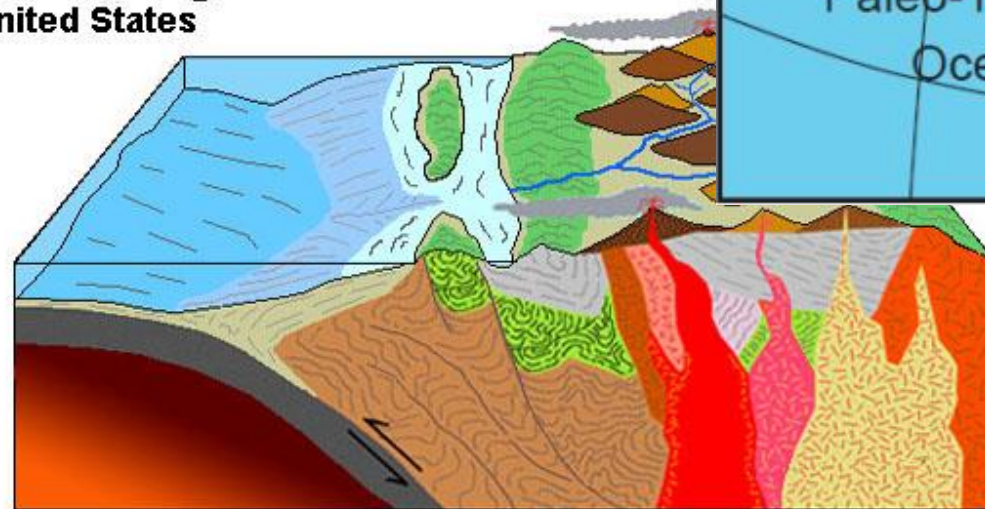
- tectonically stable
- few earthquakes
- no volcanoes
- sedimentary deposits covers older rocks
- low relief



## Active Continental Margin

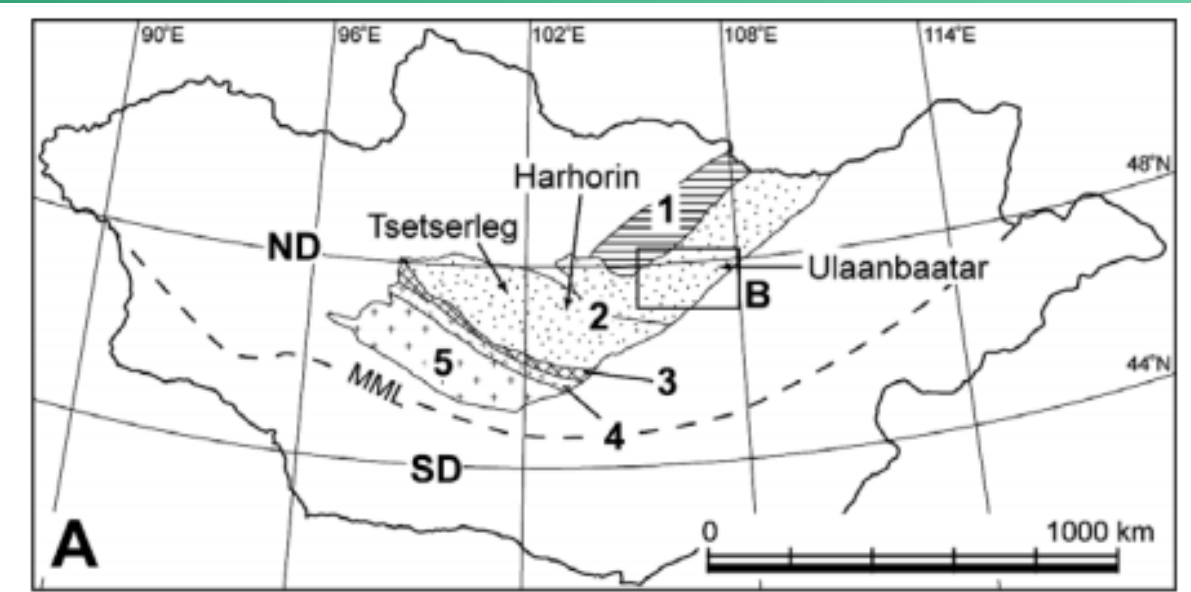
example: West Coast of United States

- tectonically active
- earthquakes common
- many volcanoes
- high relief

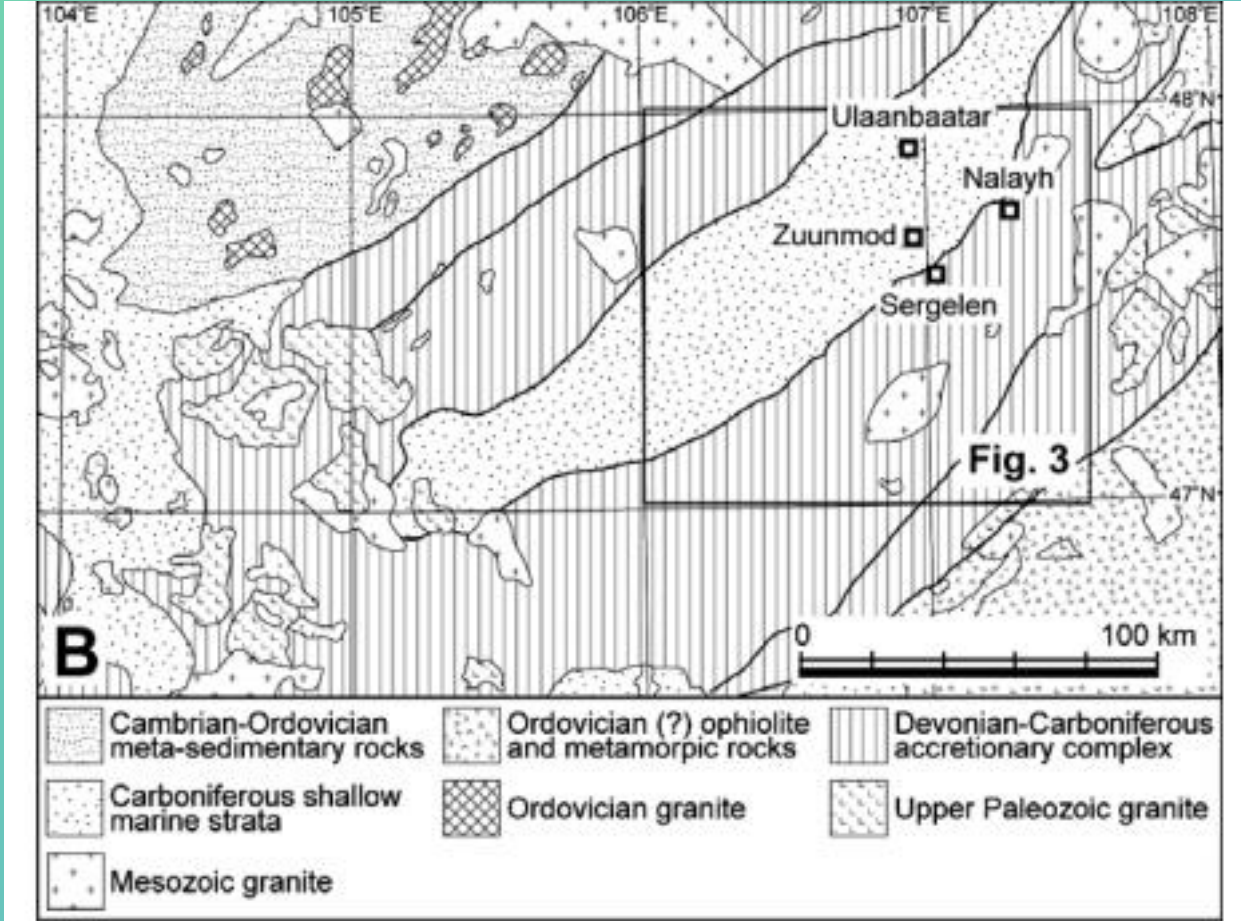


Pan et al., 2020





Kurihara et al, 2009



Kurihara et al, 2009

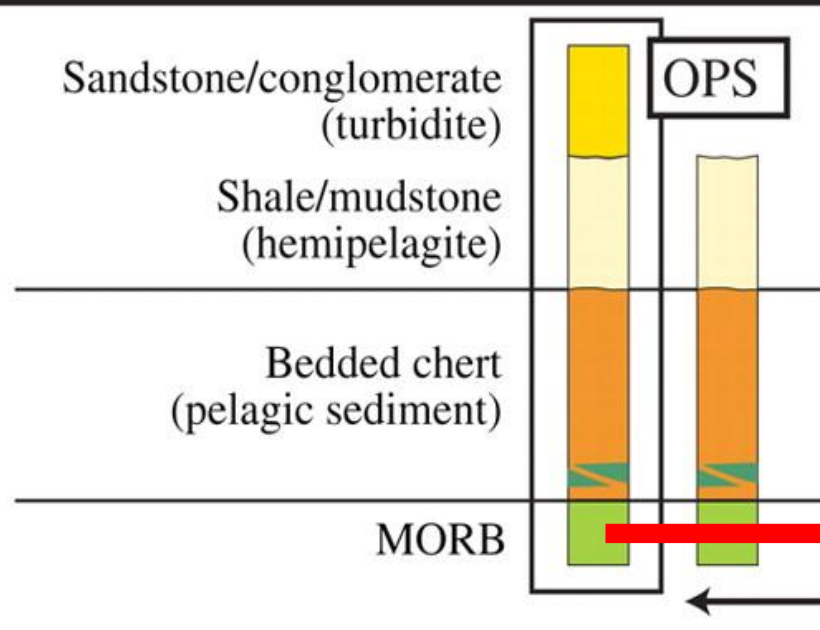


# АККРЕЦИЙН КОМПЛЕКСЫН СУДАЛГААНЫ АРГА, АРГАЧЛАЛ





(a)

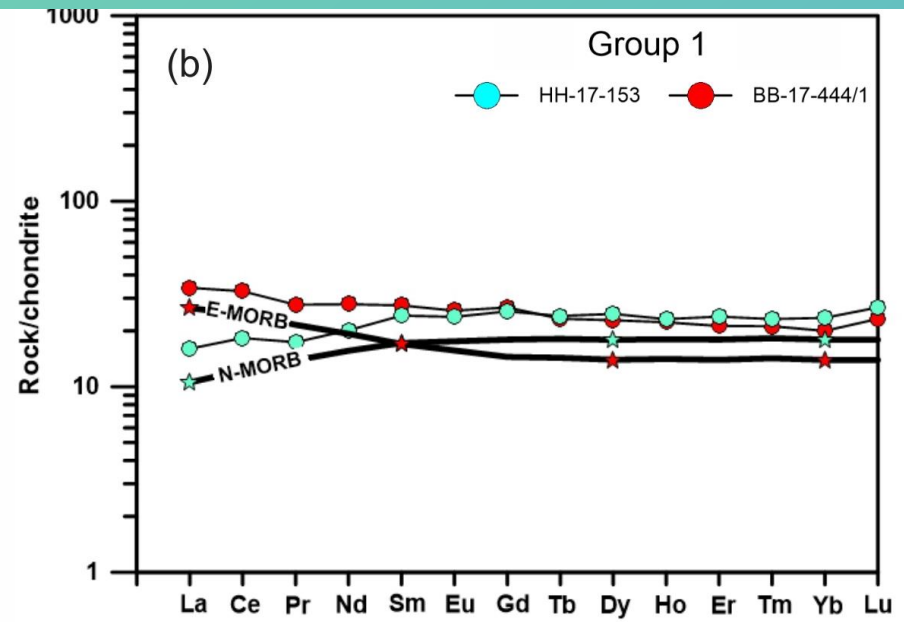
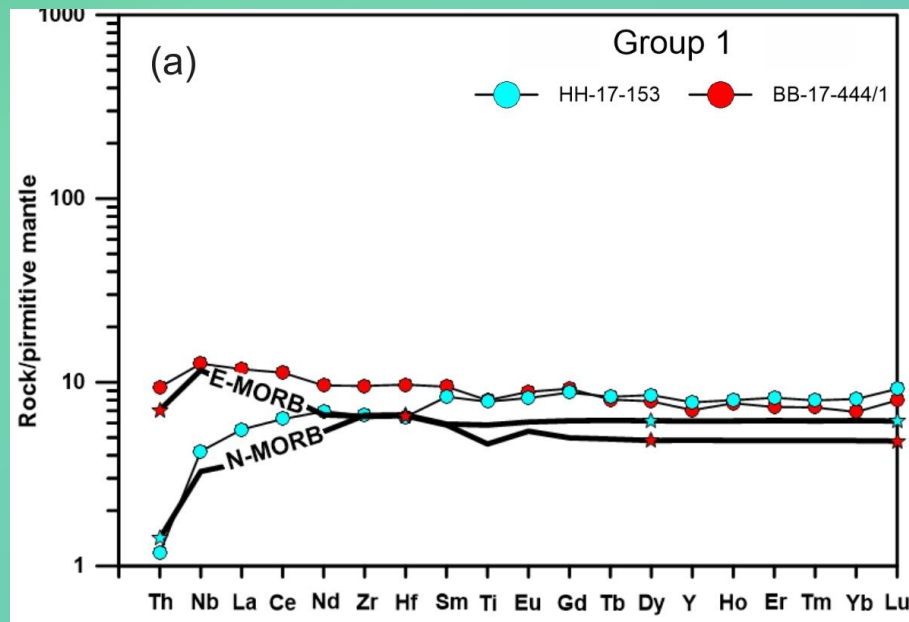


Цоройдог Уул' АК



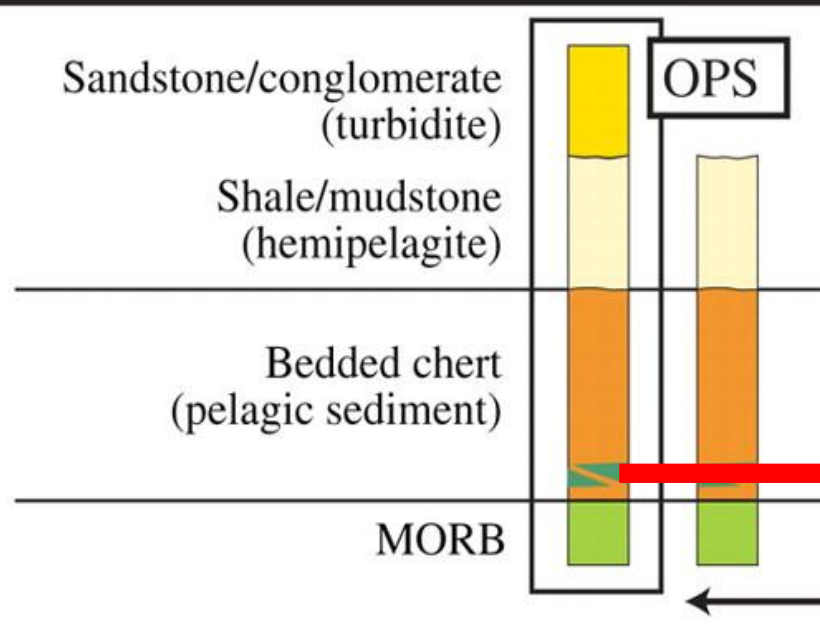
Пиллоу базальт

(Maruyama et al., 2010)





(a)

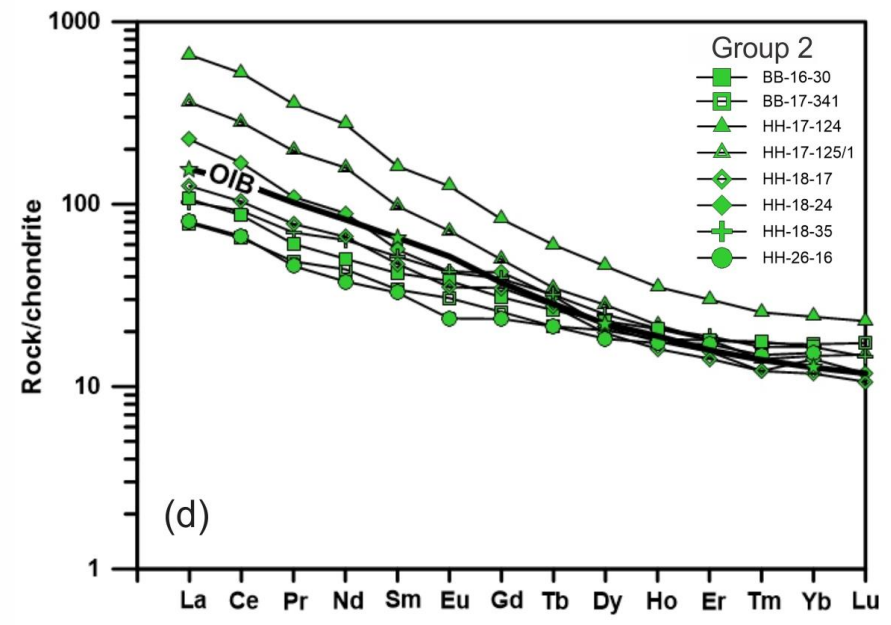
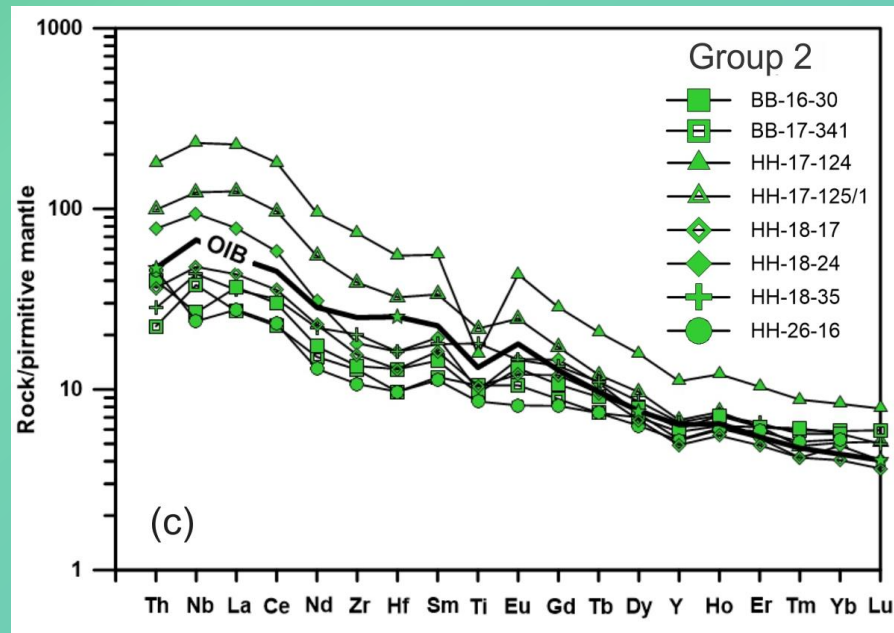


Цоройдог Уул' АК



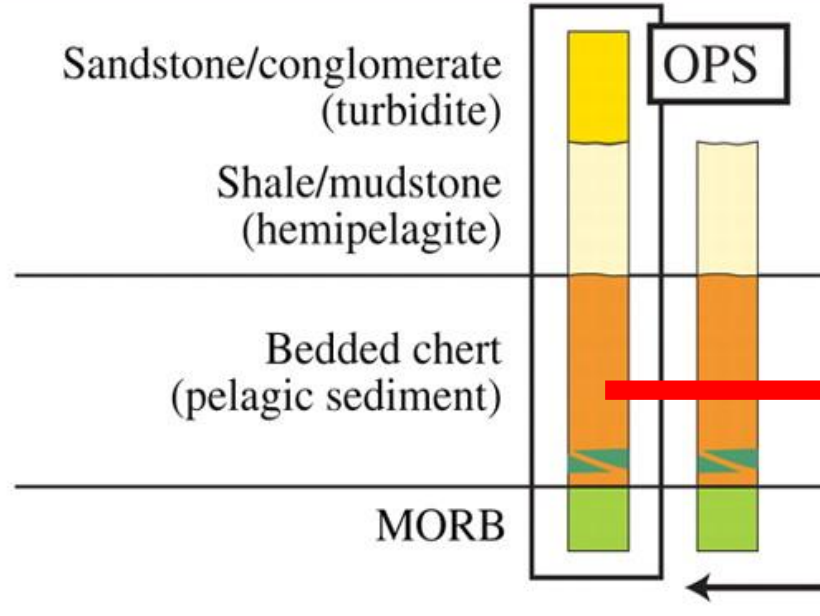
Далайн арлын базальт

(Maruyama et al., 2010)





(a)

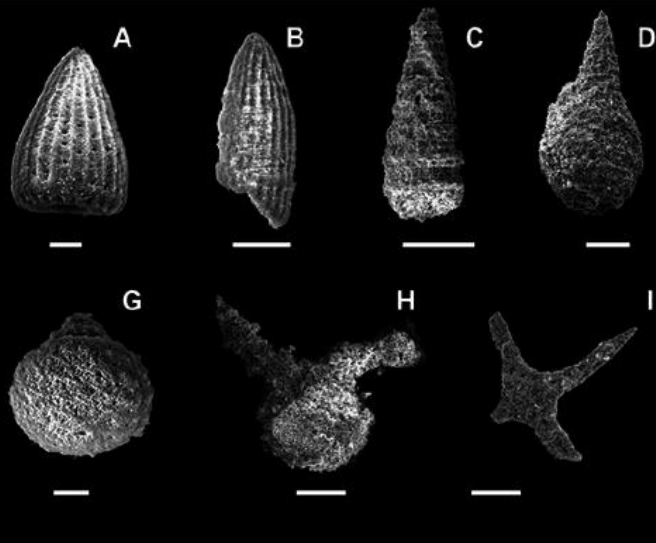


(Maruyama et al., 2010)

Цоройдог Уул' АК



Яшма



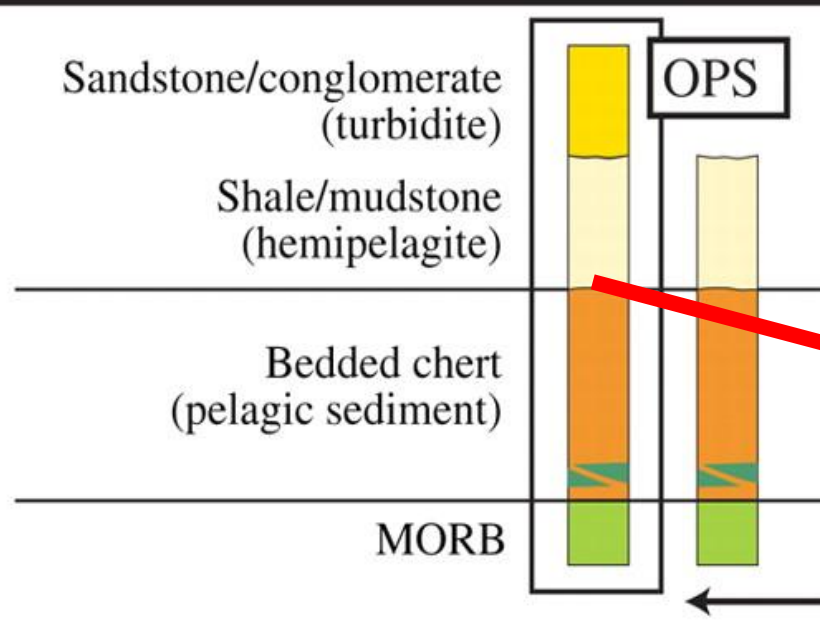
Радиолярын зураг



Макро дээжний зураг



(a)

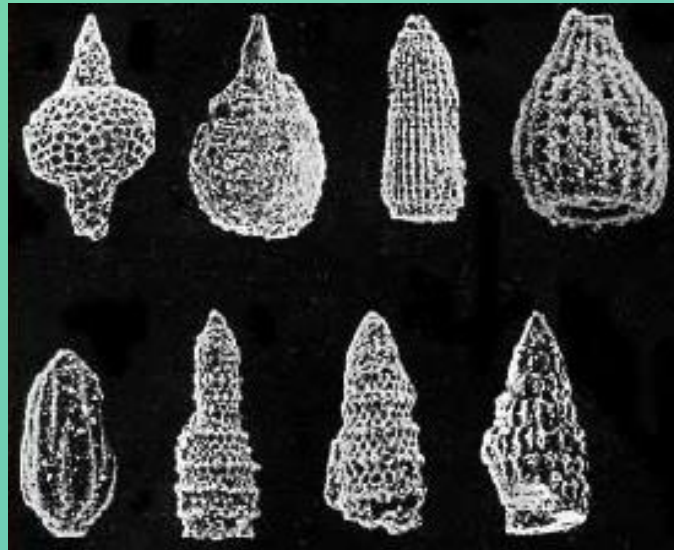


(Maruyama et al., 2010)

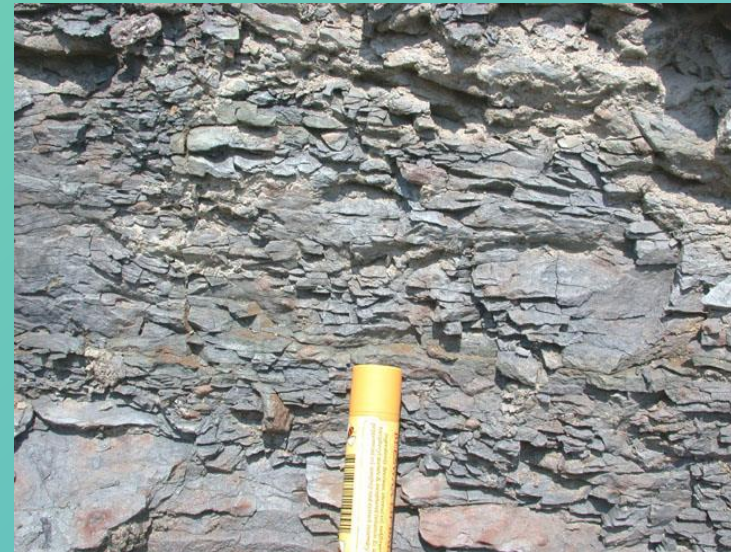
Цоройдог Уул' АК



Цахиурлаг авевролит



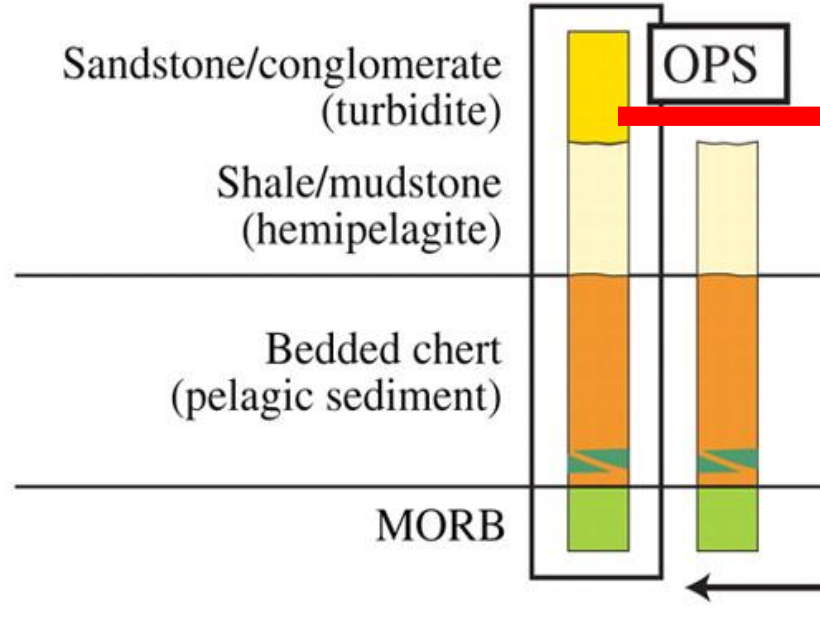
Радиолярын зураг



Макро дээжний зураг



(a)

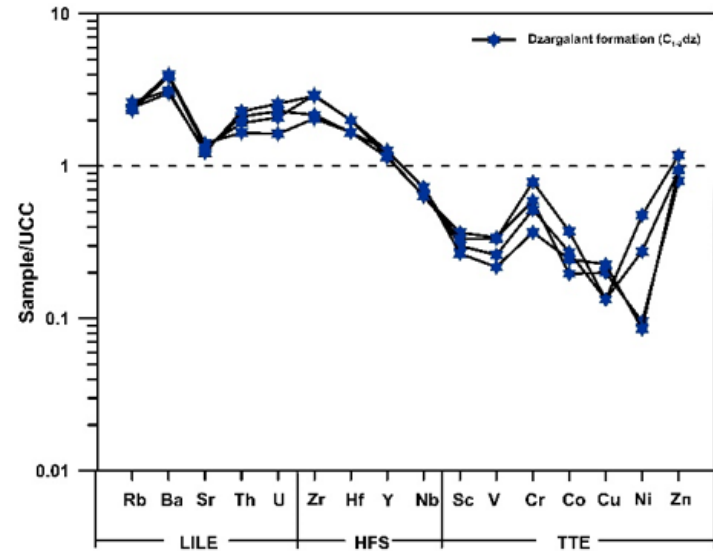
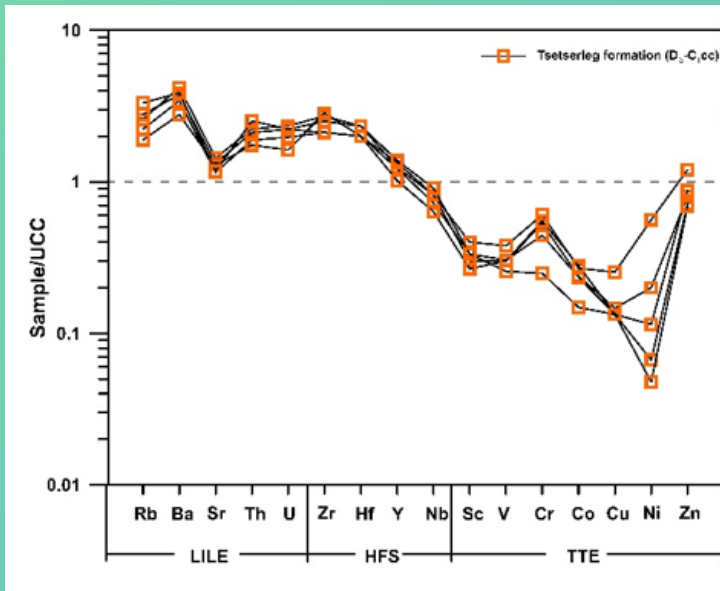


Цоройдог Уул' АК

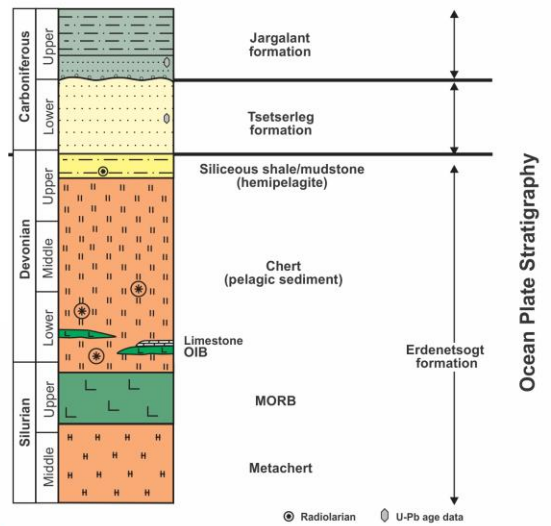
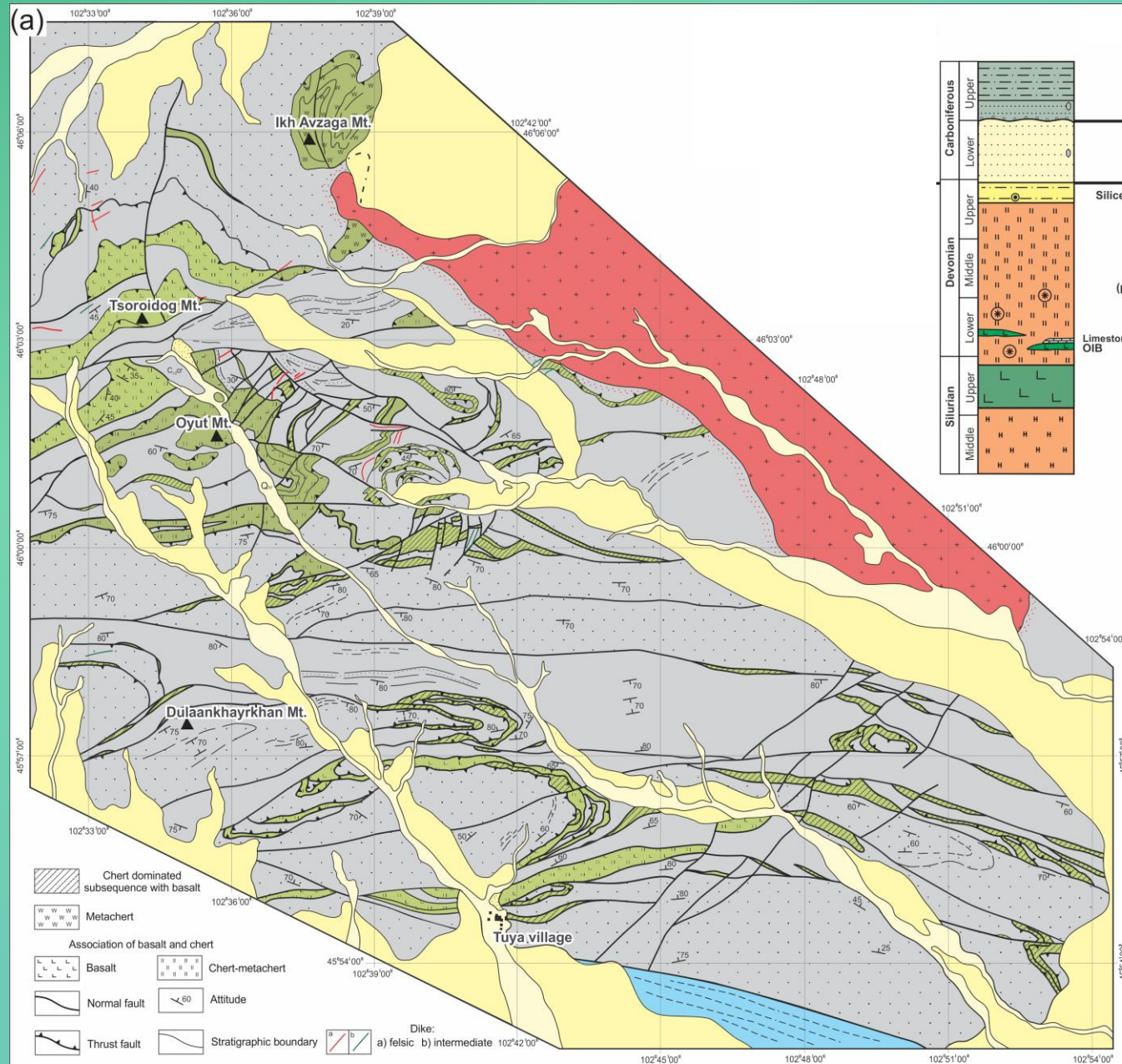


Элсжин

(Maruyama et al., 2010)





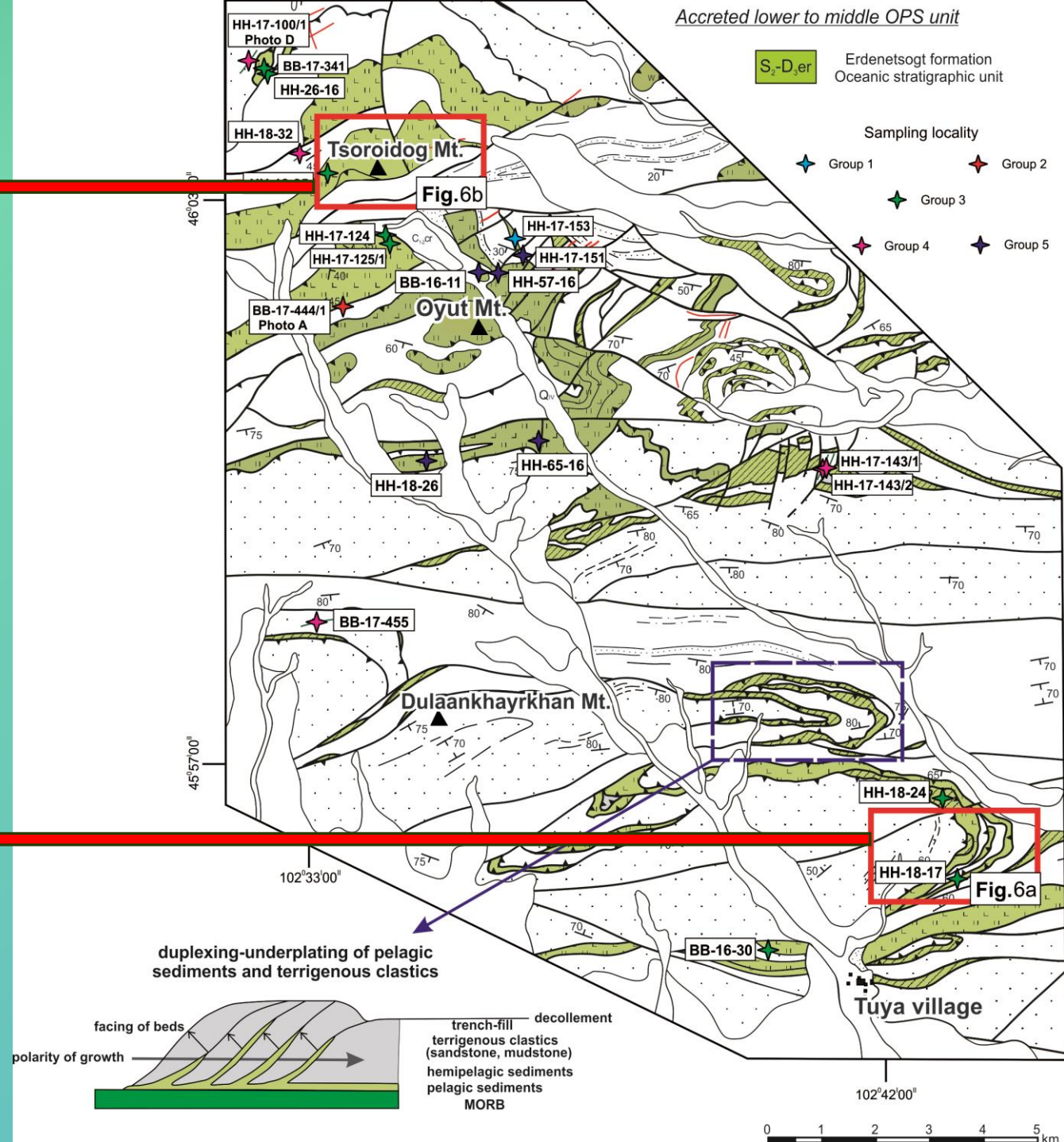
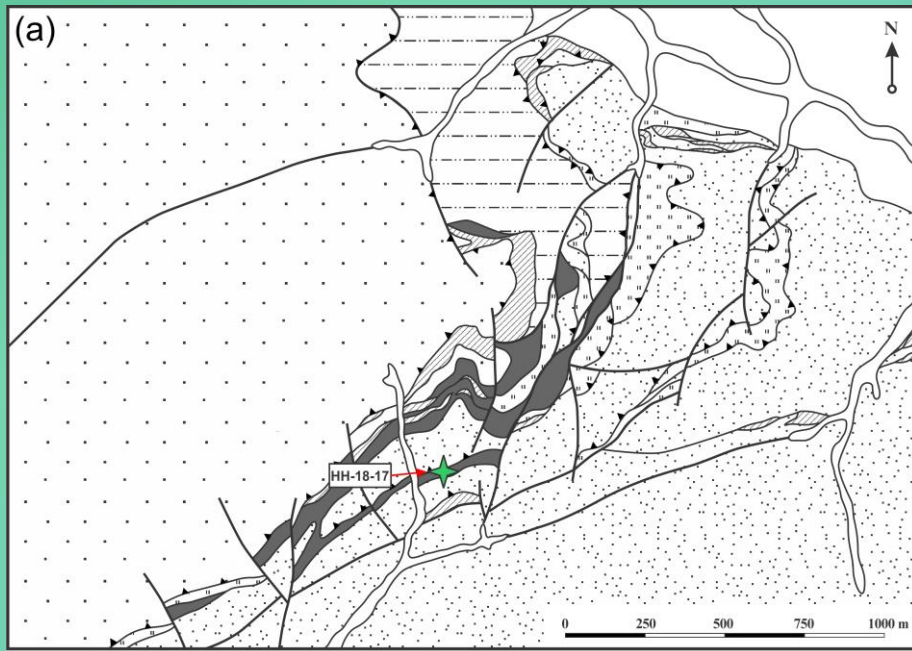
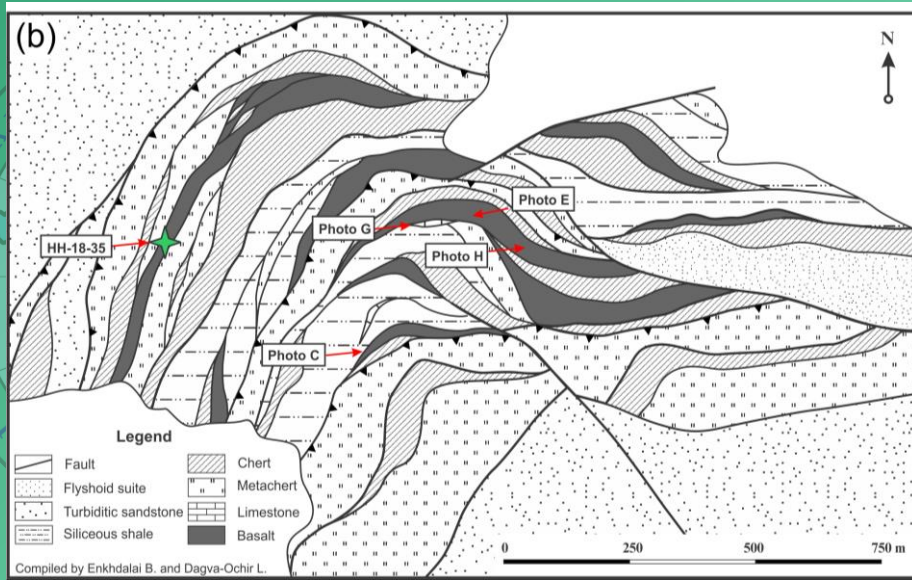


### Legend

- Q<sub>v</sub> Holocene
- Q<sub>III-IV</sub> Upper Pleistocene - Holocene
- J<sub>2-sh</sub> Saikhanovoo formation sedimentary rock
- C<sub>2-dz</sub> Jargalant formation Flyshoid unit
- D-C<sub>cc</sub> Tsetserleg formation Turbidite unit
- S-D<sub>er</sub> Erdenetsogt formation Oceanic stratigraphic unit
- P<sub>2-T</sub> Khangay complex: Granite

Authors: Otongonbaatar D., Enkhdalai B., Dagva-Ochir L. Institute of Geology, Mongolian Academy of Sciences (2019)







**АНХААРАЛ ХАНДУУЛСАНД  
БАЯРЛАЛАА**

