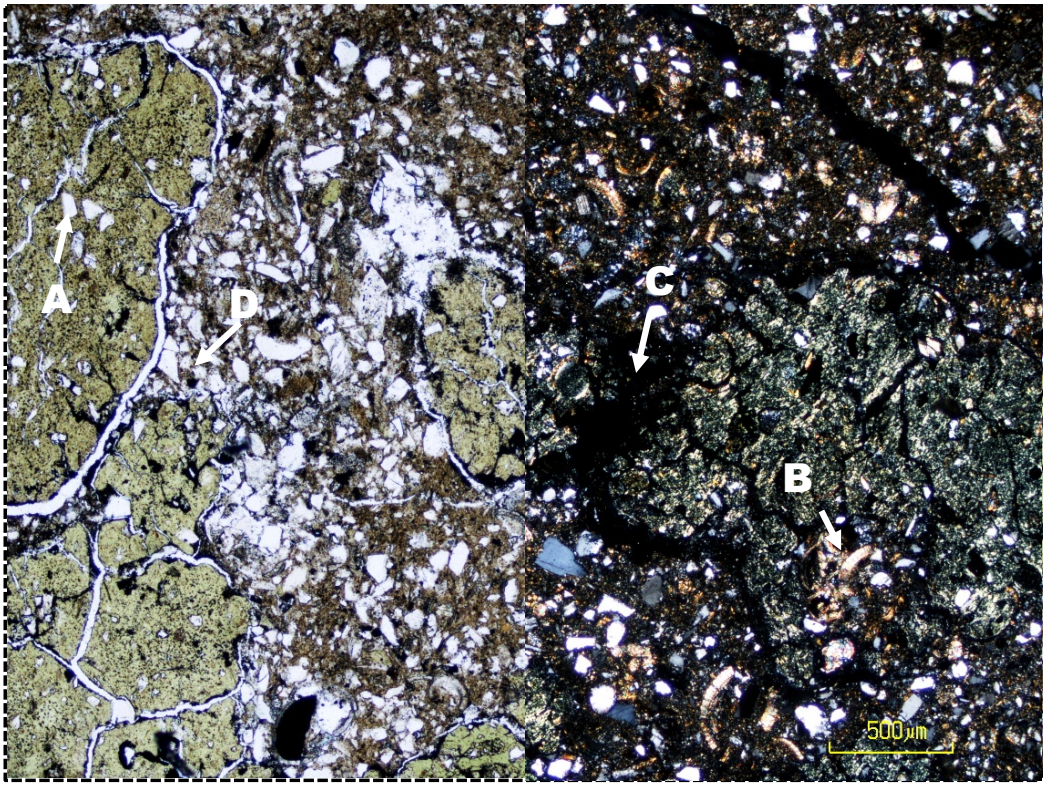
Observation Sheet (SEM / Microscope)

Observer: Arito Sakaguchi



Date: 16/07/2019 (dd/mm/yy)

Site: C0025

Hole: A

Core: 7R

Section: 4

Interval: 101-104cm

Misc # (SMW):

Object:

Image file name: 358-C0025A-7R-4_101-104_1.JPG(Normal light: left), 358-C0025A-7R-4_101-104_2.JPG(Polarized light: right)

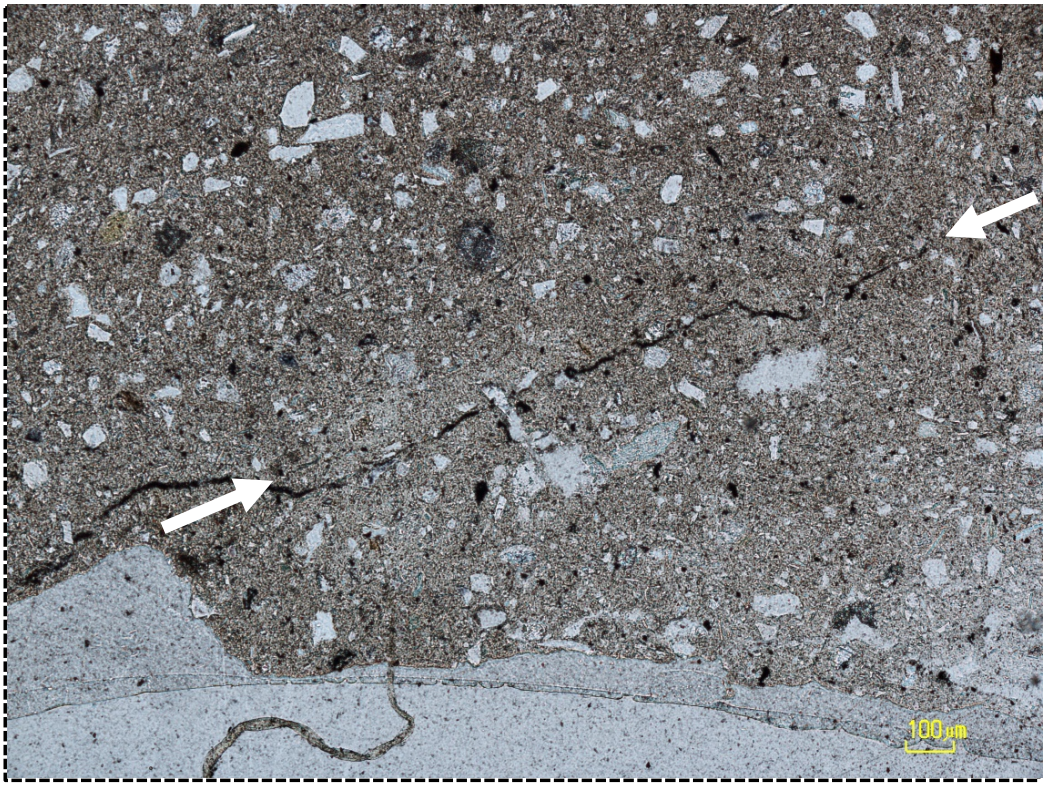
Sediment type: Glauconite fragments in sandstone

Comments:

- Greenish fragment scattered within sandtone. Greenish fragment consists of dominat glauconite and pyrite grains with some sand (A) and foraminifers (B) fragments. Though some greenish fragment looks like jigsaw puzzle texture (C and D), the edge of fragment has ruond shape.
- These are probably caused by precipitation and fracturing of glauconite and pyrite concentrated layer. Rounded edge possibly show overgrowth of fragment after fracturing.

Observation Sheet (SEM / Microscope)

Observer: Arito Sakaguchi



Date: 16/07/2019 (dd/mm/yy)

Site: C0025

Hole: A

Core: 19R

Section: 1

Interval: 145-147cm

Misc # (SMW):

Image file name: 358-C0025A-19R-1_145-147_1.JPG

Object:

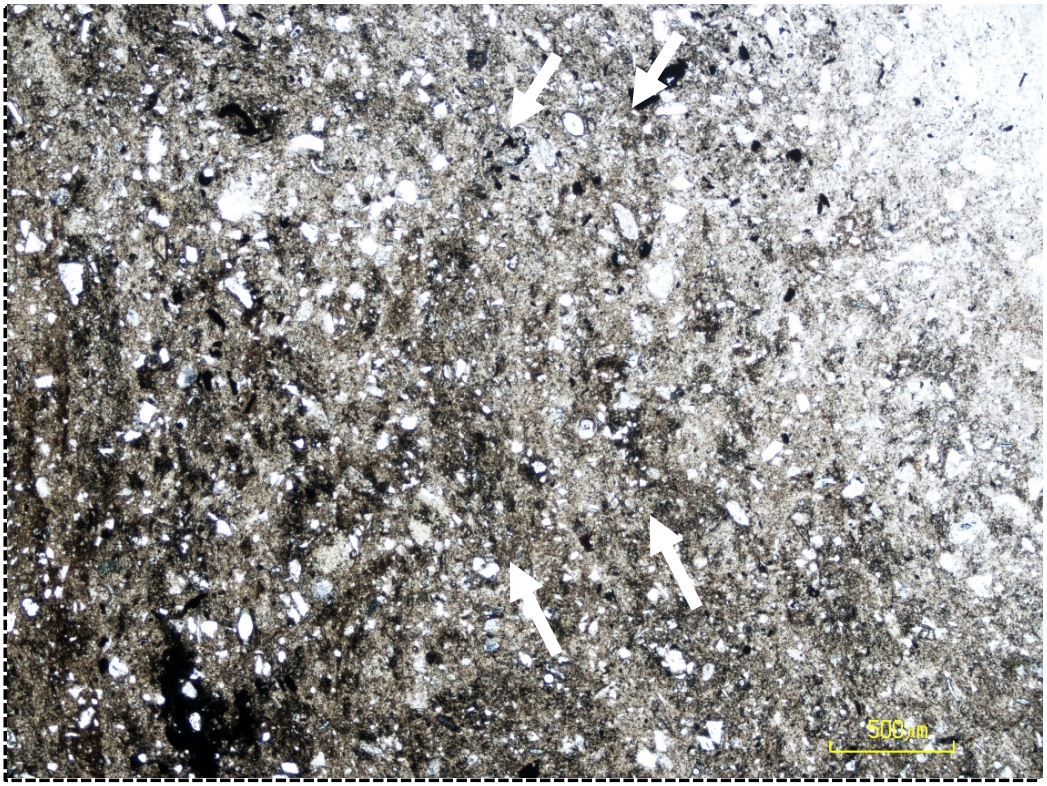
Sediment type: Thick fault zone

Comments:

- White arrpw shows the boundary between the host rock (upper) and thick fault zone (lower). The fault zone looks darker color than the surroundings in mesoscopic scale, but no color difference was found under the microscope. The fault zone and host rocks are similar in mineral assemblage and grain size distribution. No deformation structure and fracturing structure were observed.

Observation Sheet (SEM / Microscope)

Observer: Arito Sakaguchi



Date: 16/07/2019 (dd/mm/yy)

Site: C0025

Hole: A

Core: 19R

Section: 1

Interval: 145-147cm

Misc # (SMW):

Image file name: 358-C0025A-19R-1_145-147_7.JPG

Object:

Sediment type: Sediment-filled vein (Vein structure)

Comments:

- Microscopic view of sediment-filled vein (arrow) under plane light
- Inside and outside of each vein represent the similar component of mineral assemblage, while smaller grains are dominant within the sediment-filled vein.