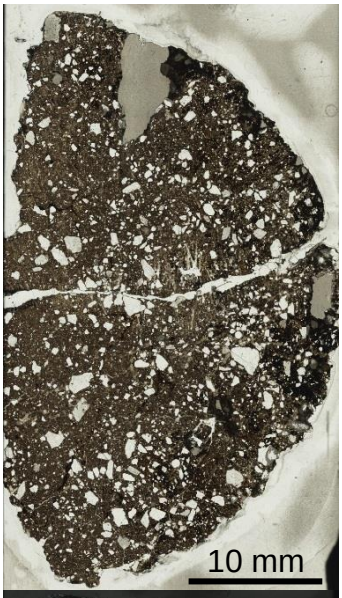
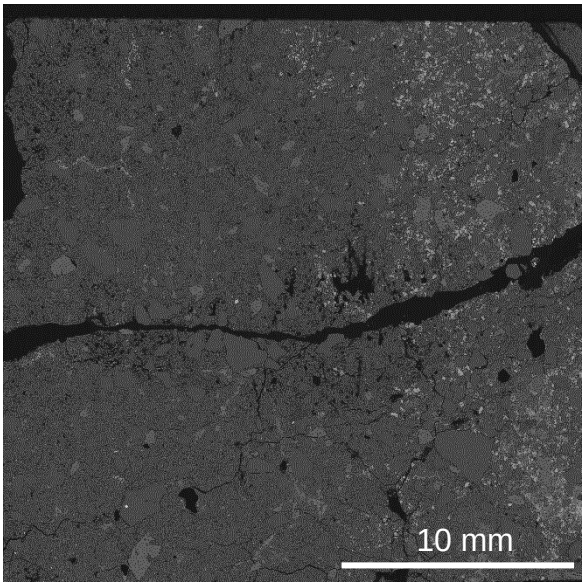
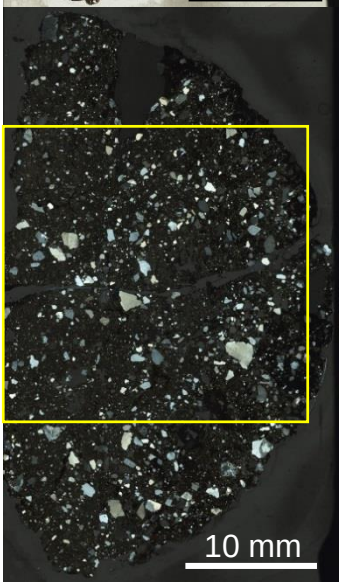
717.50-717.80 Floodplain mudstone (crevasse splay?)

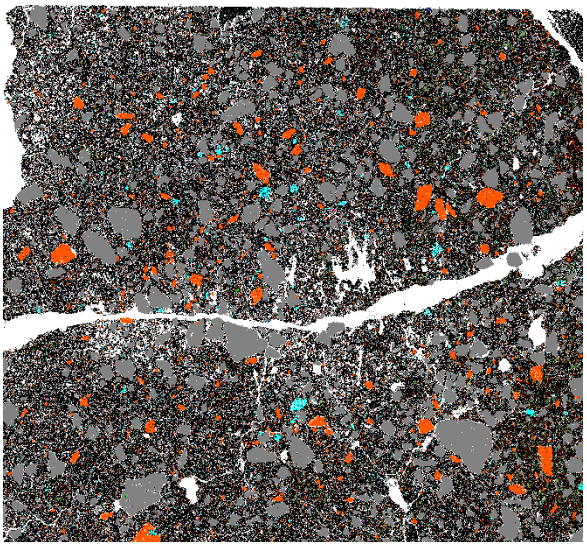
Sample core view, cross-polarised and transmitted light images of a polished thin section and SEM backscatter of a field of view with false colour image of the same field of view showing the main identified mineral phases.



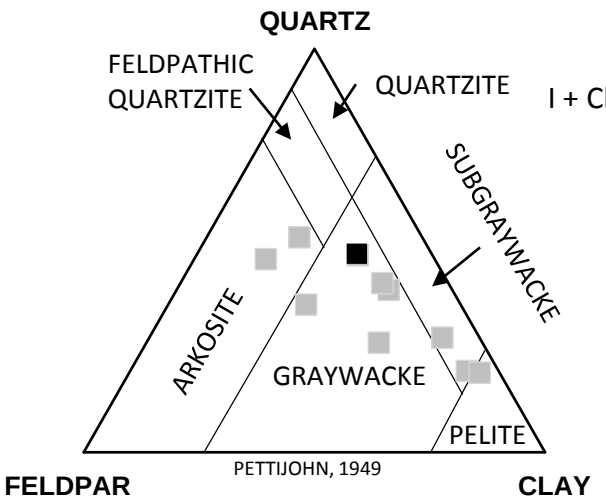


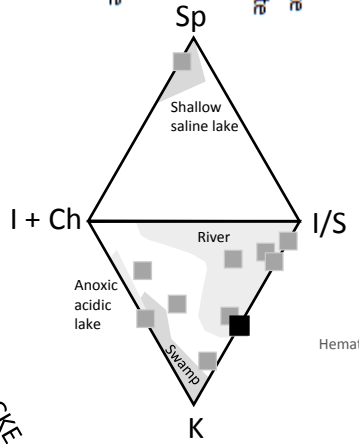


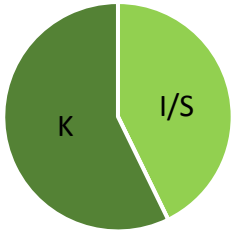


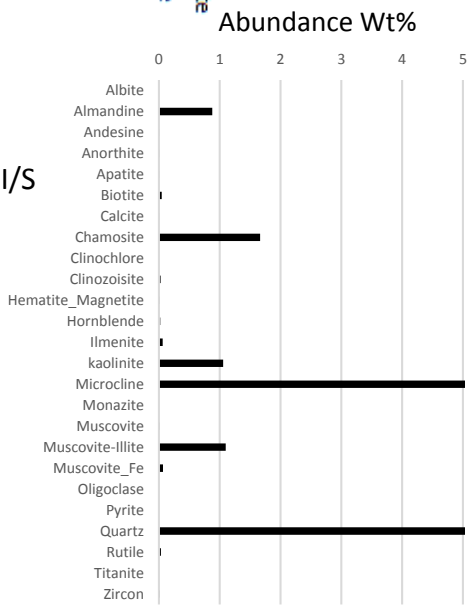


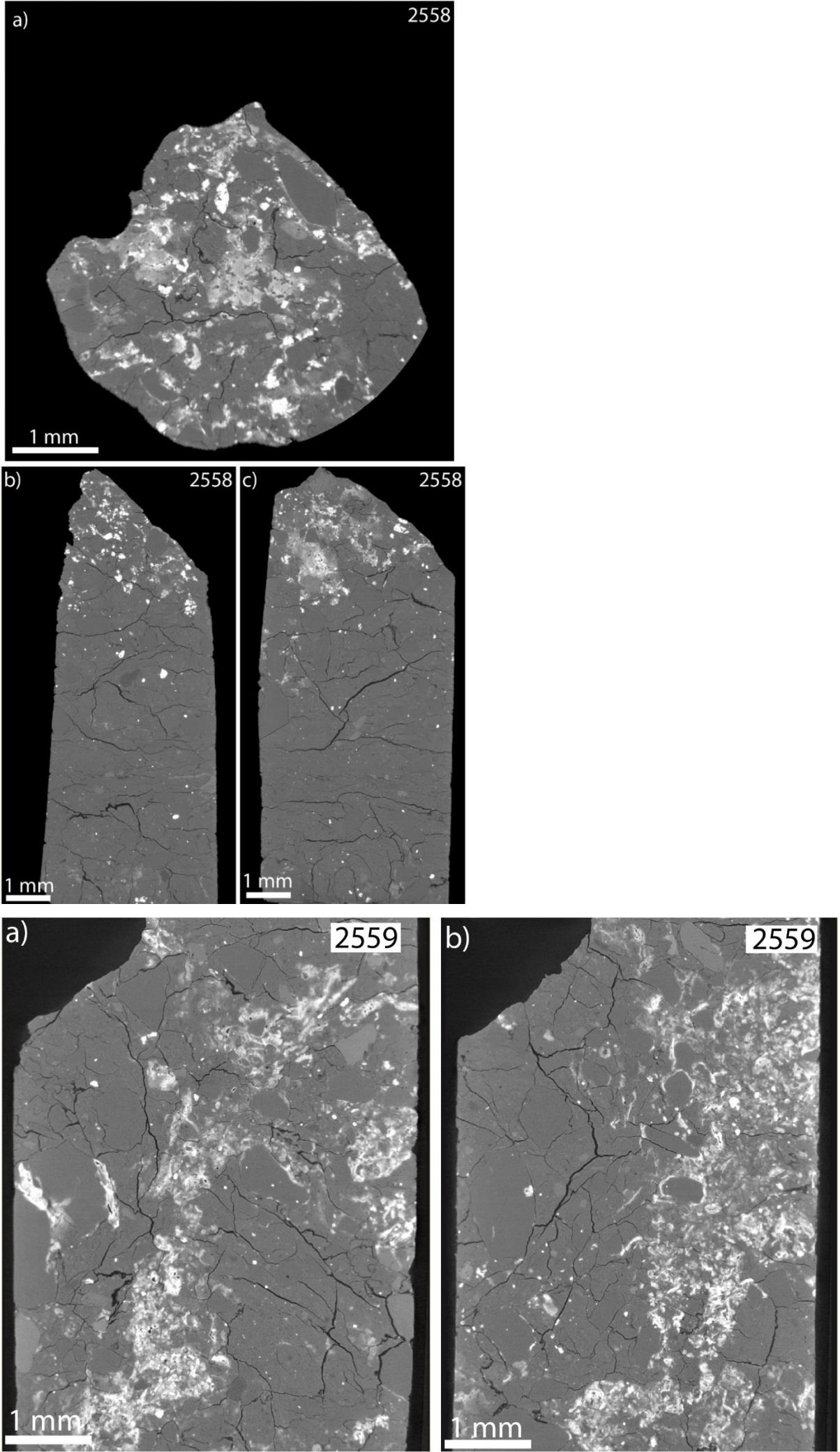






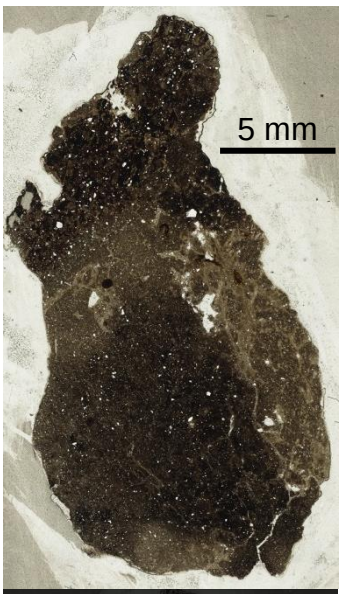


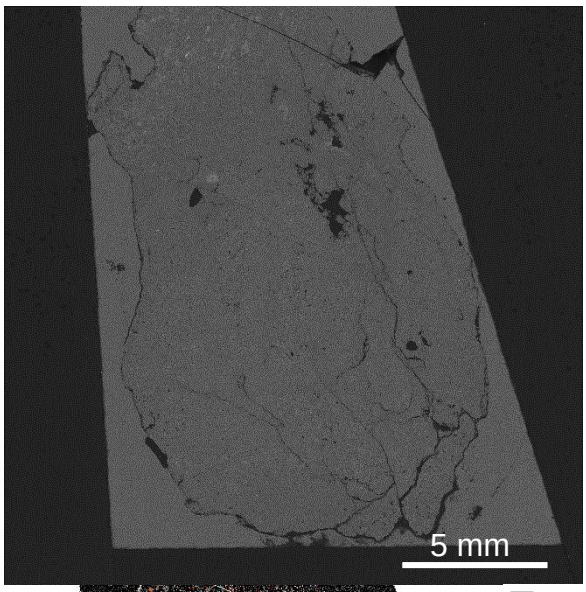



a)
2558
1 mm
b)
2558
1 mm
c)
2558
1 mm
a)
2559
1 mm
b)
2559
1 mm

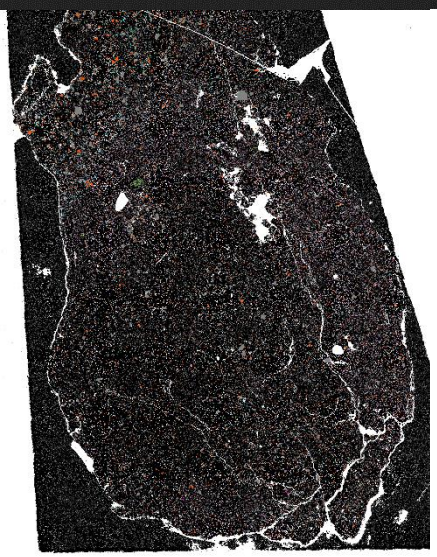
778.35-778.65 Fluvial mudstone: Paleosol

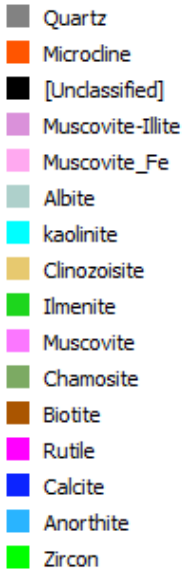


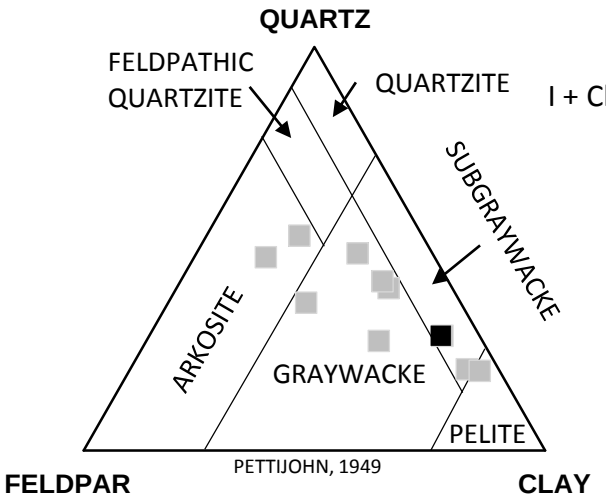


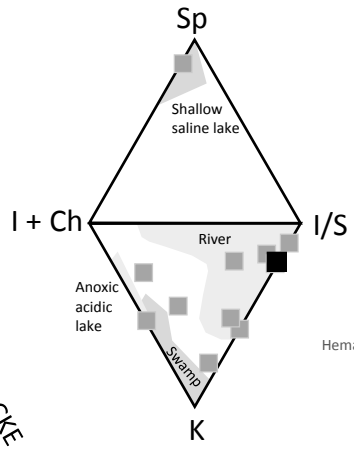


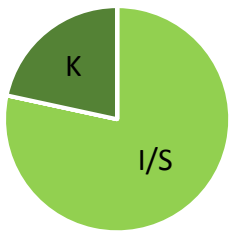


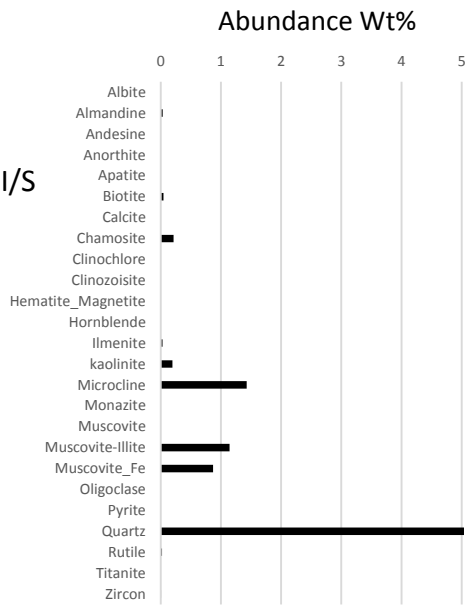


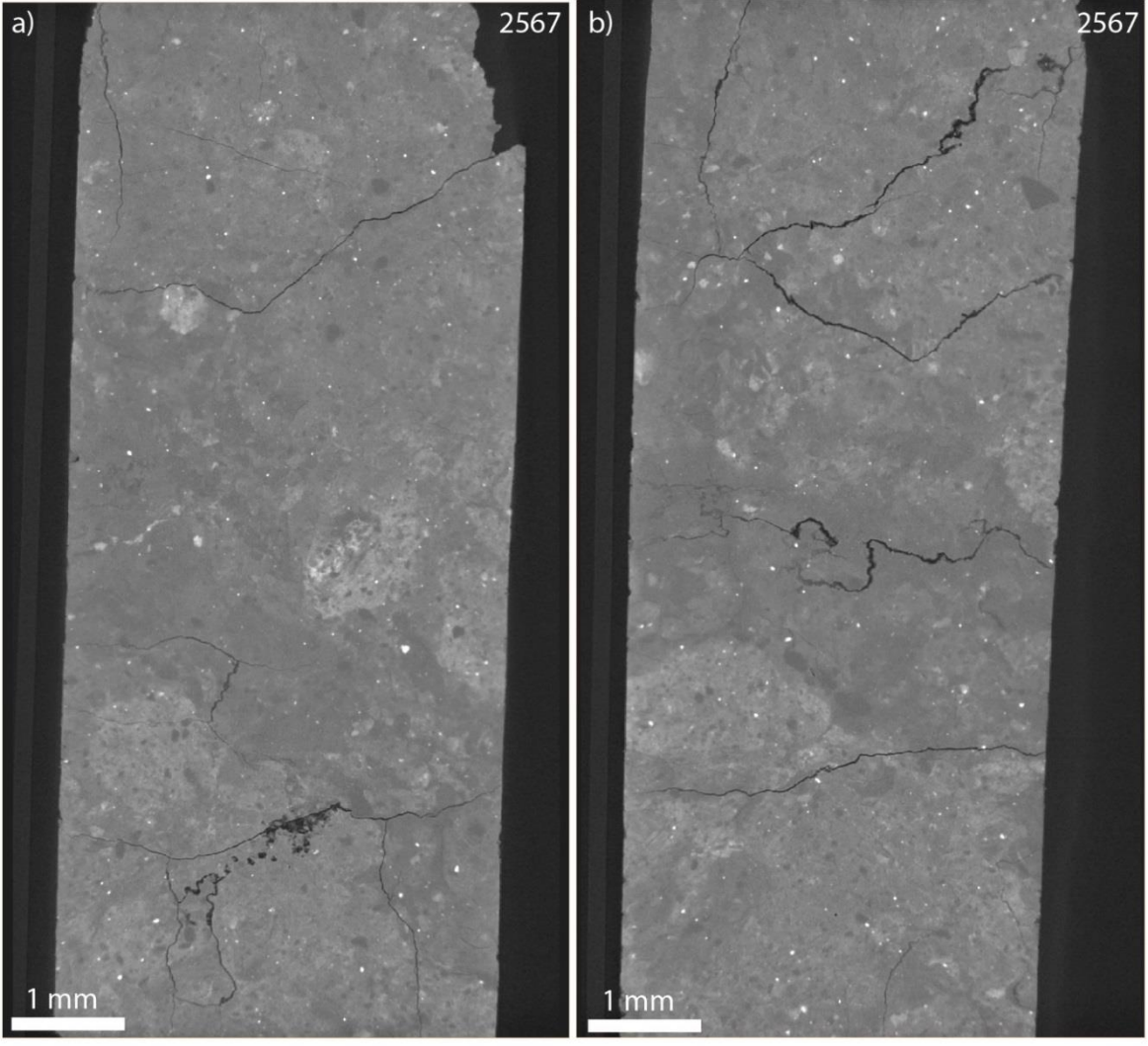


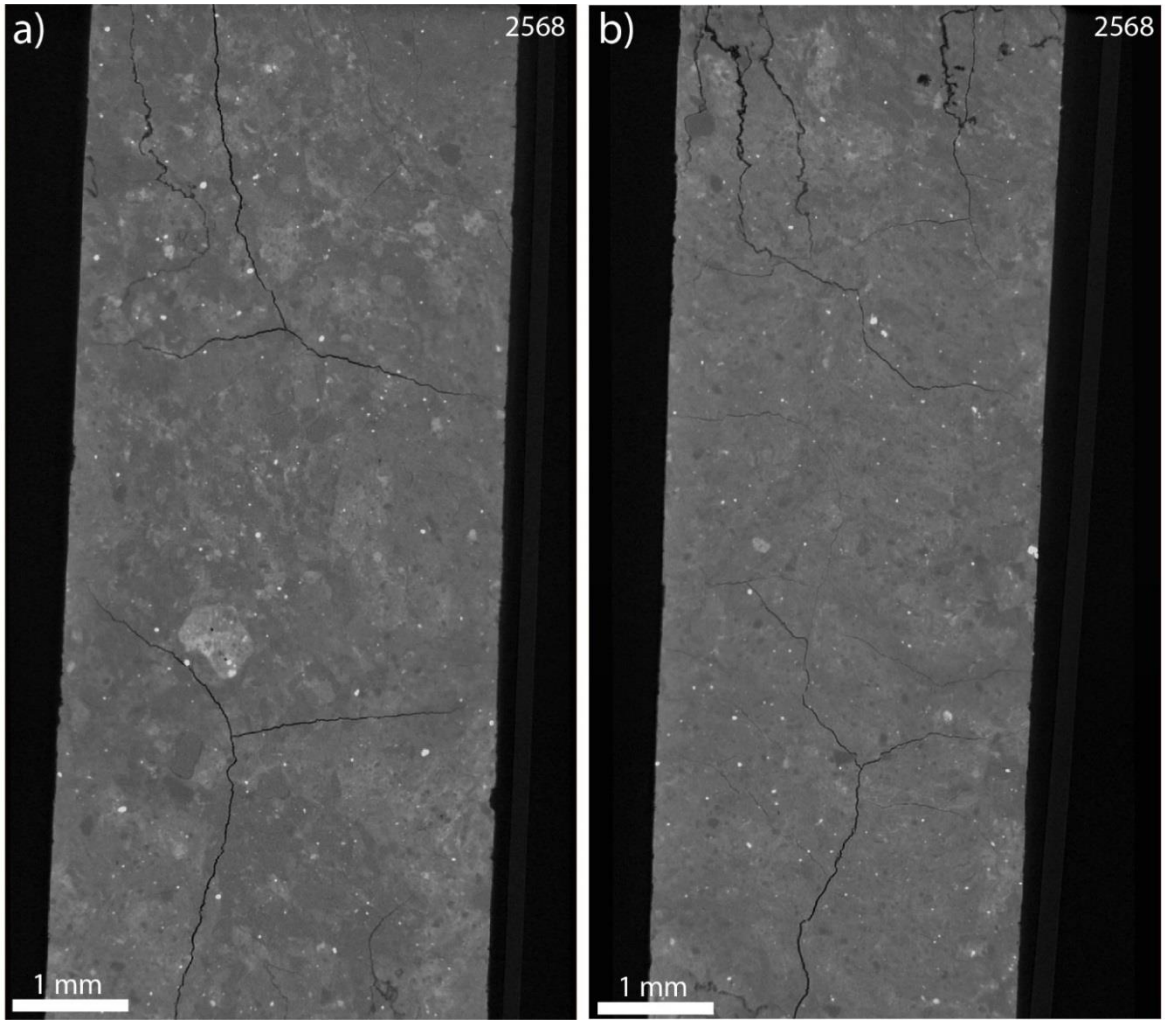








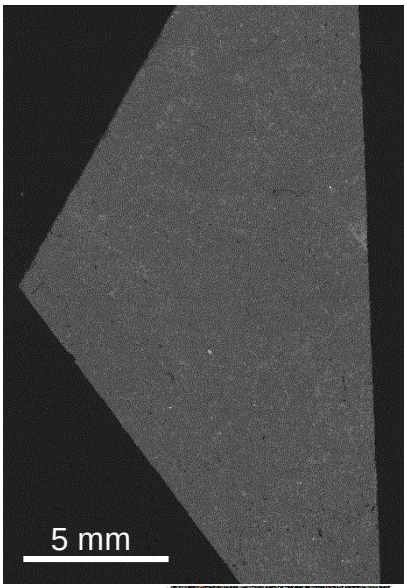

a)
2567
1 mm
b)
2567
1 mm


a)
2568
1 mm
b)
2568
1 mm

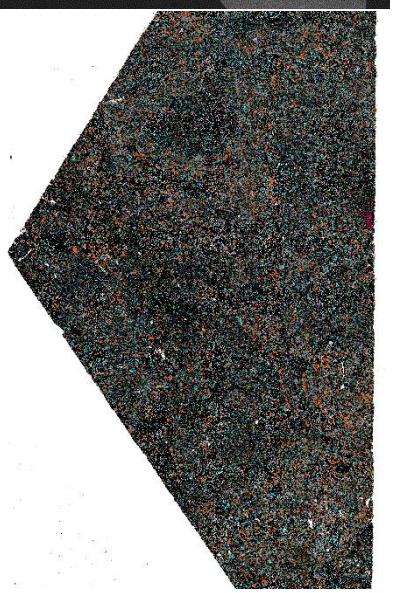
888.05-888.35 Fluvial mudstone: swamp



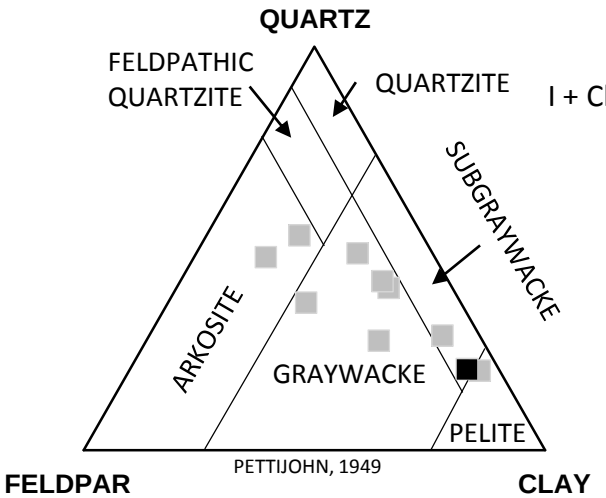


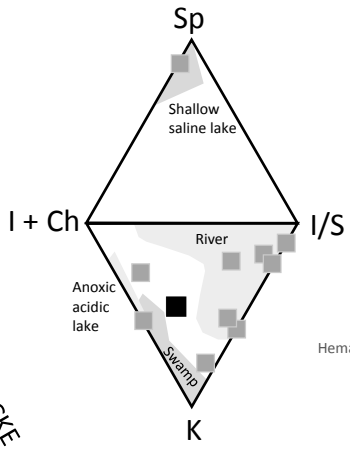


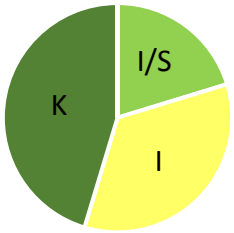


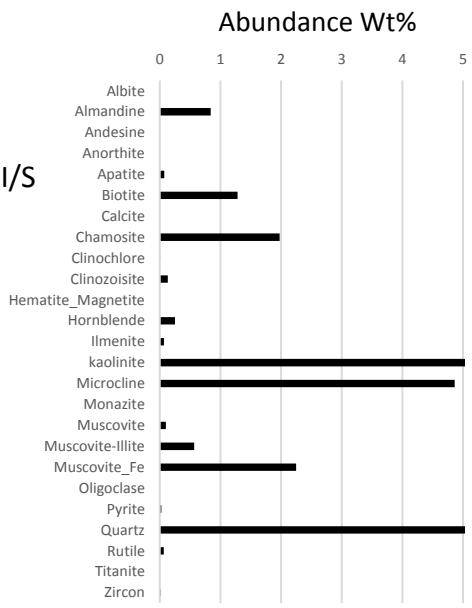


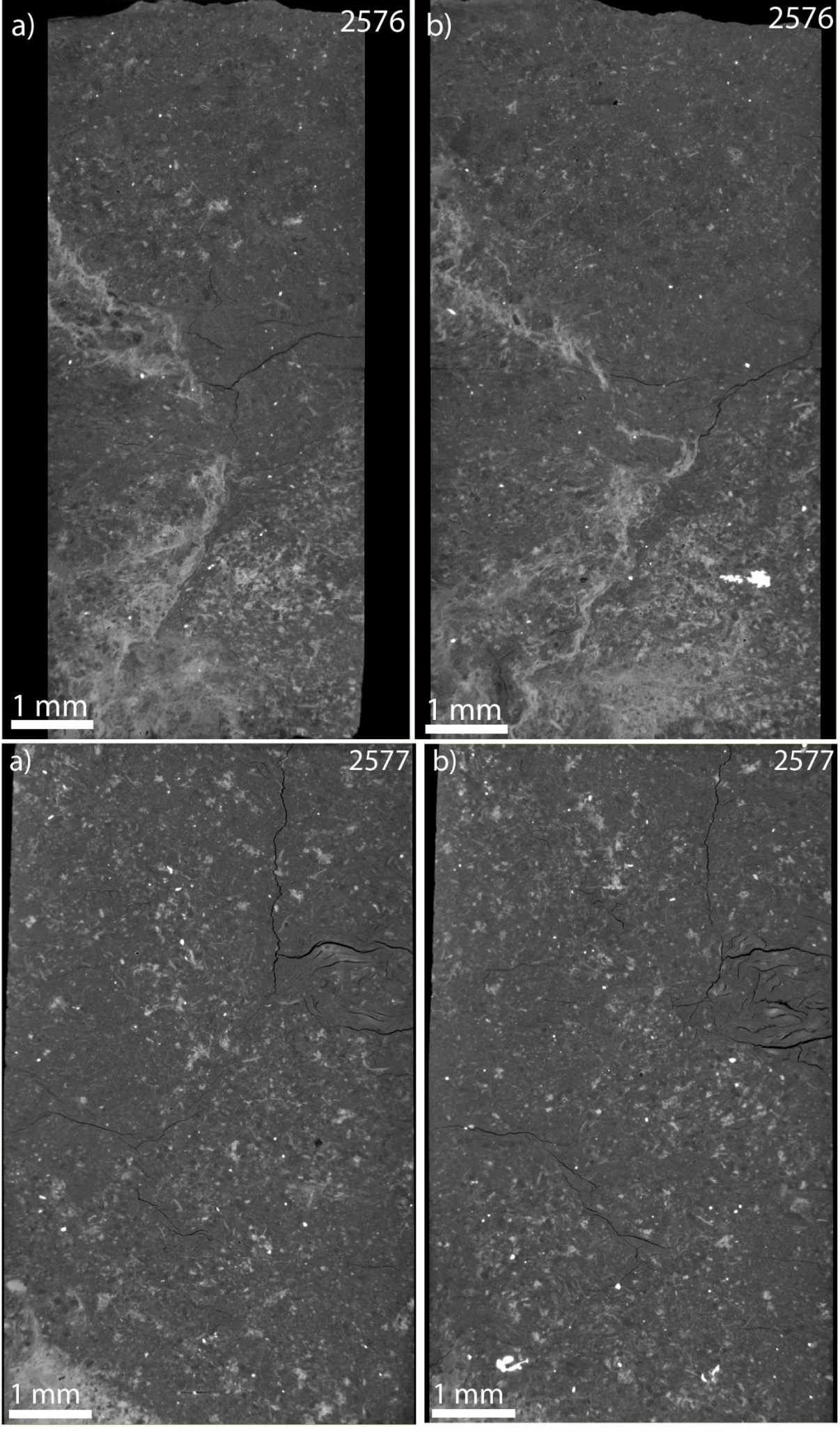
Quartz
Microcline
[Unclassified]
Muscovite-Illite
Muscovite_Fe
Albite
kaolinite
Clinozoisite
Ilmenite
Muscovite
Chamosite
Biotite
Rutile
Calcite
Anorthite
Zircon





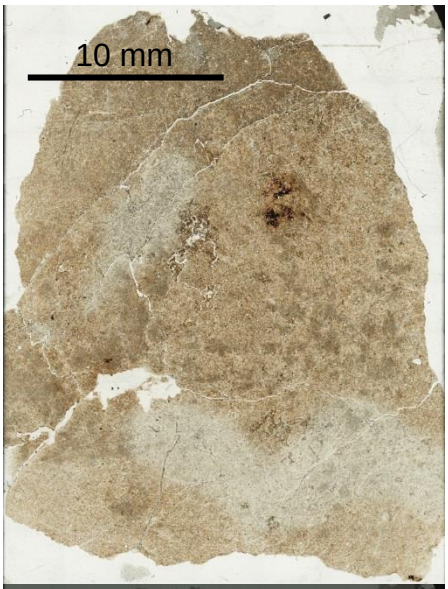


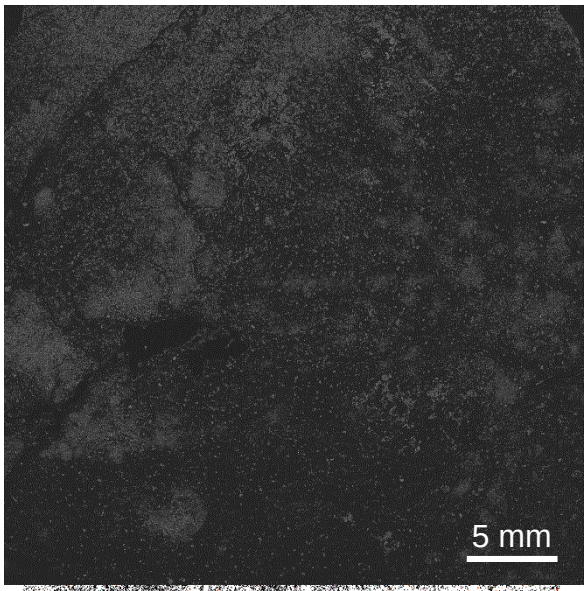


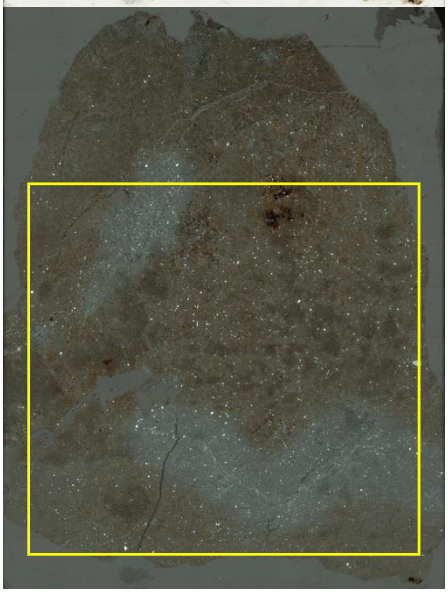

a)
2576
1 mm
b)
2576
1 mm
a)
2577
1 mm
b)
2577
1 mm

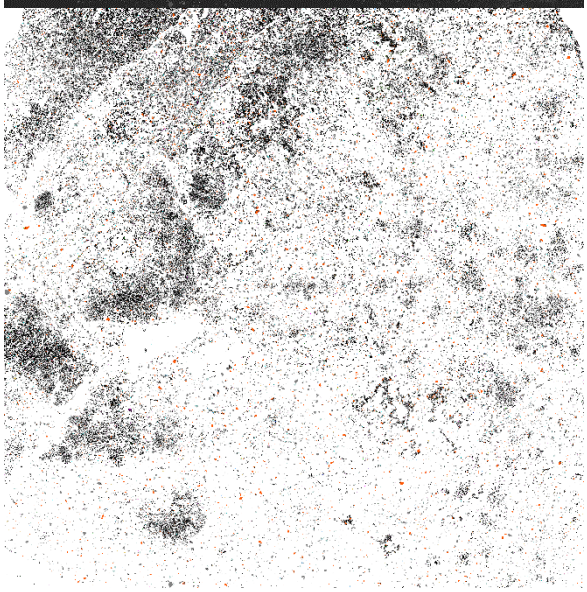
1027.20 Fluvial mudstone: Paleosol

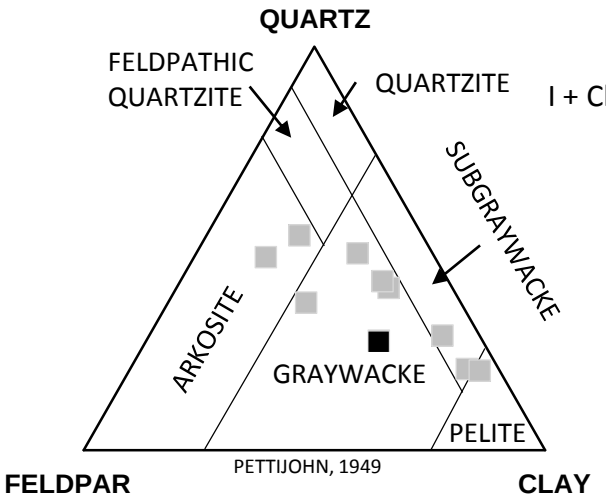


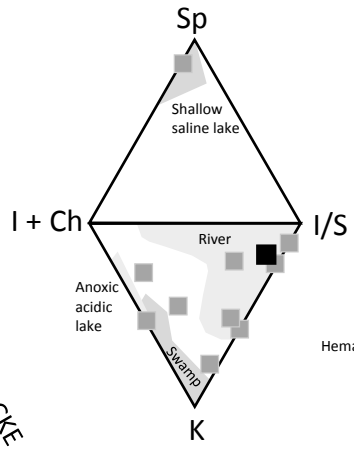


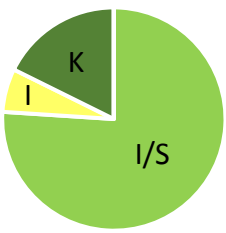


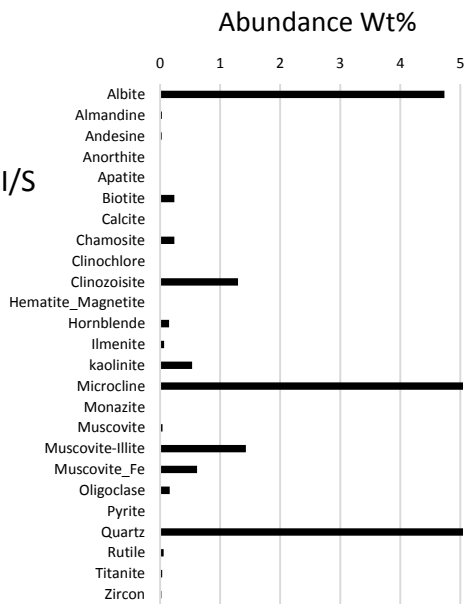


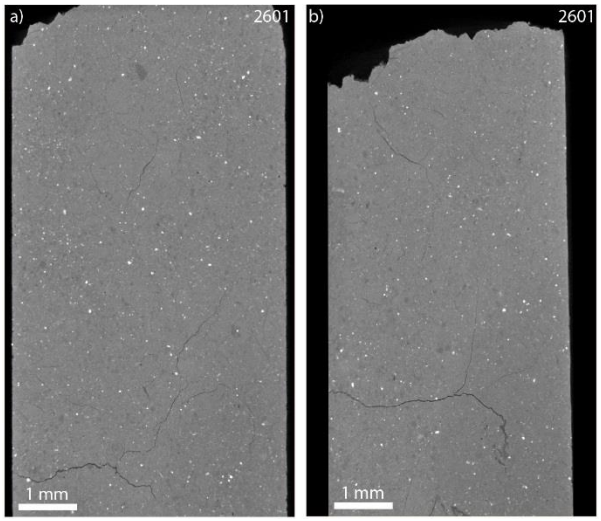


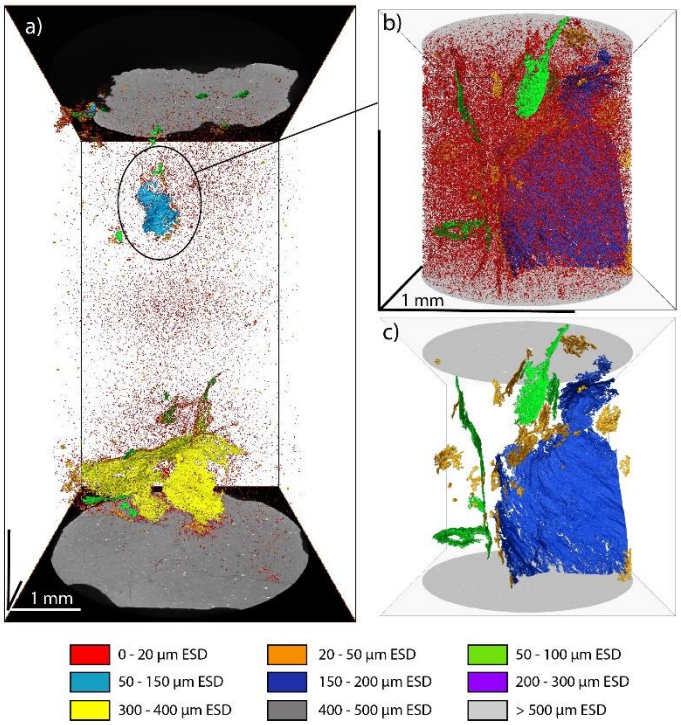


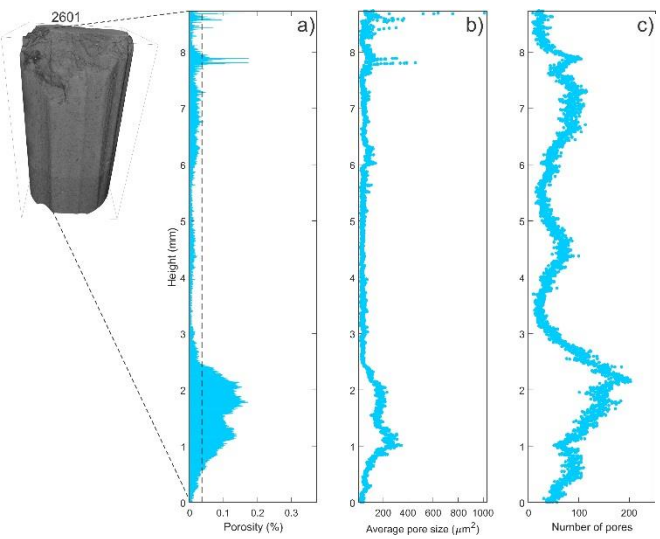


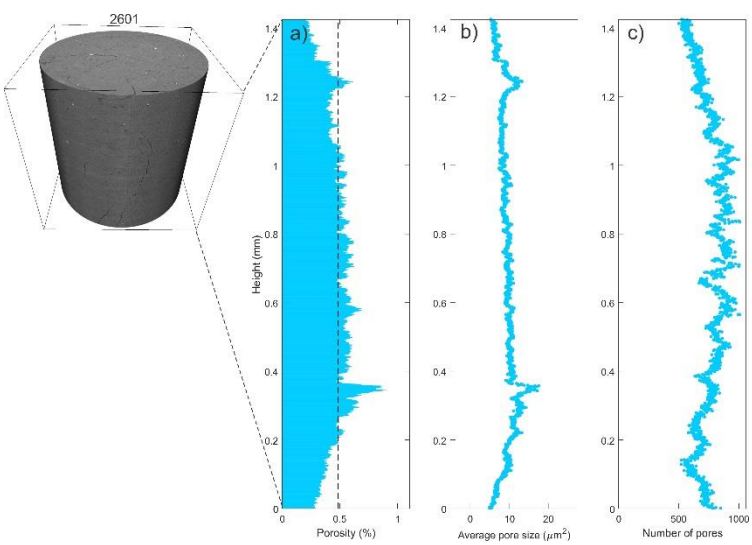


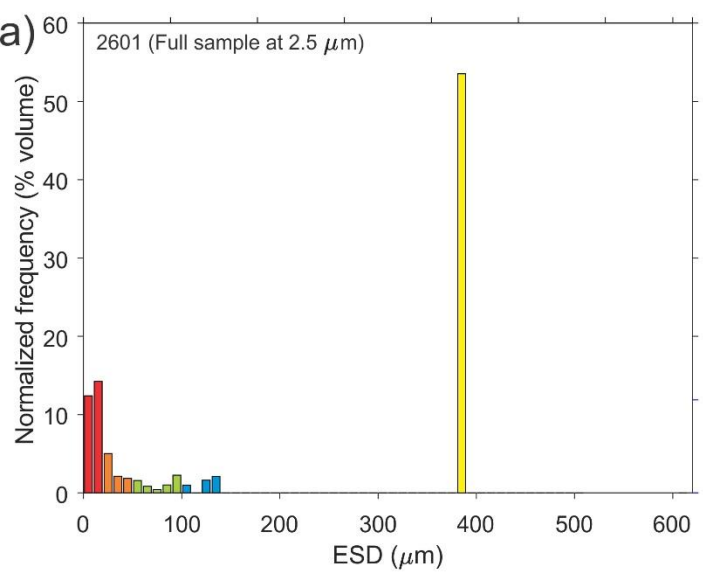


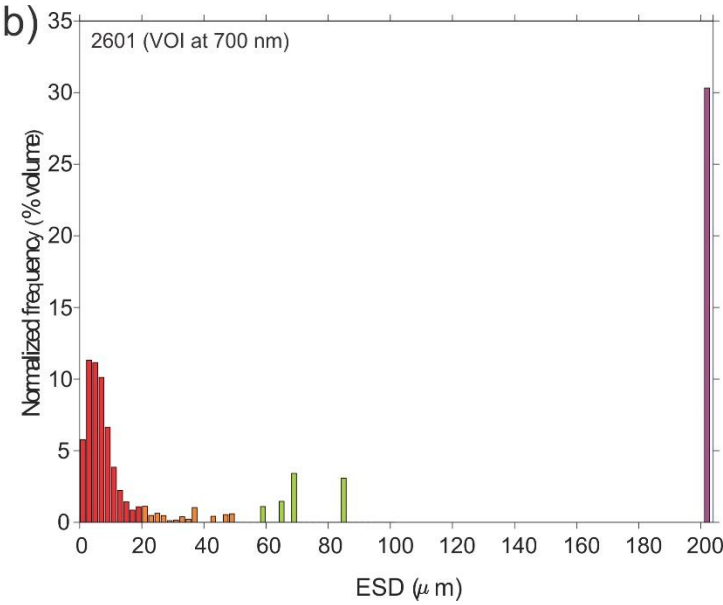

a)
2601
1 mm
b)
2601
1 mm


a)
1 mm
b)
1 mm
c)
0 - 20 µm ESD
20 - 50 µm ESD
50 - 100 µm ESD
50 - 150 µm ESD
150 - 200 µm ESD
200 - 300 µm ESD
300 - 400 µm ESD
400 - 500 µm ESD
> 500 µm ESD


2601
a)
b)
c)
Height (mm)
Porosity (%)
Average pore size (µm²)
Number of pores

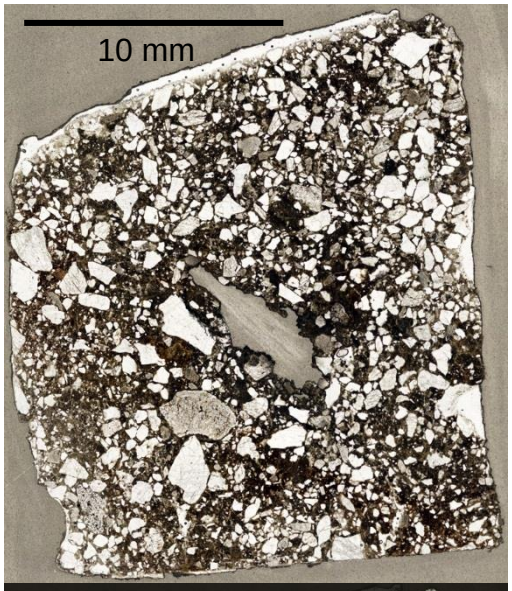

2601
a)
b)
c)
Height (mm)
Porosity (%)
Average pore size (µm²)
Number of pores

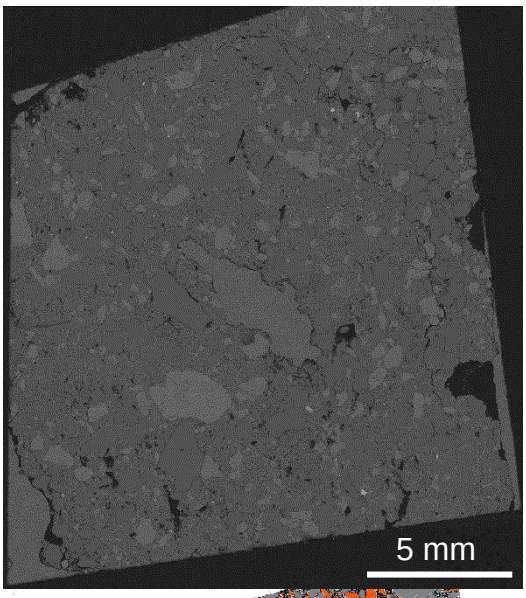

a)
2601 (Full sample at 2.5 µm)
Normalized frequency (% volume)
ESD (µm)

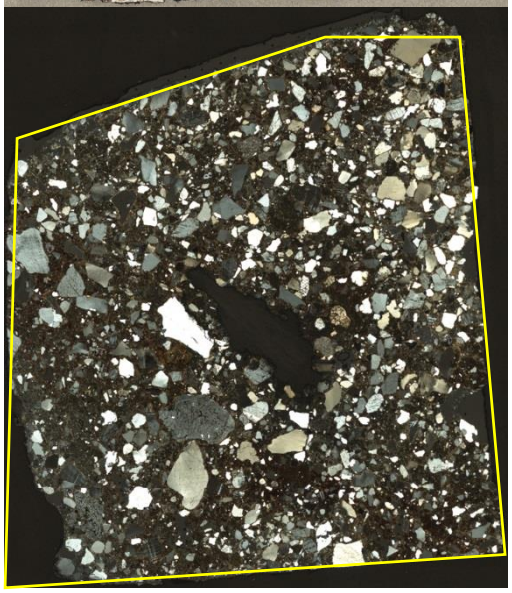

b)
2601 (VOI at 700 nm)
Normalized frequency (% volume)
ESD (µm)

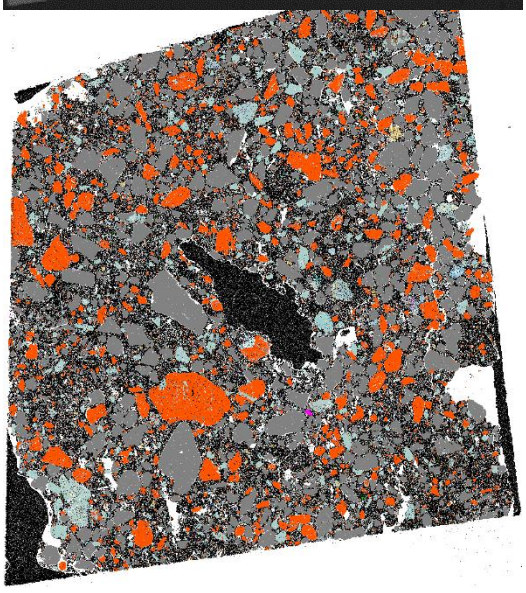
1030.85 Fluvial mudstone: sandy infill in paleosol

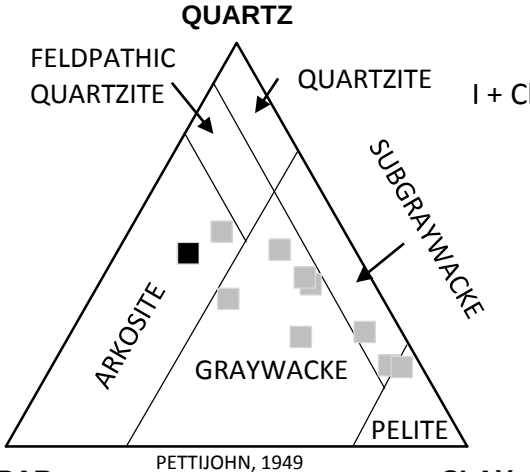


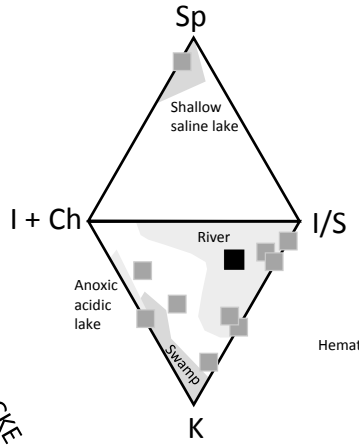


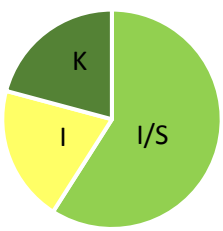


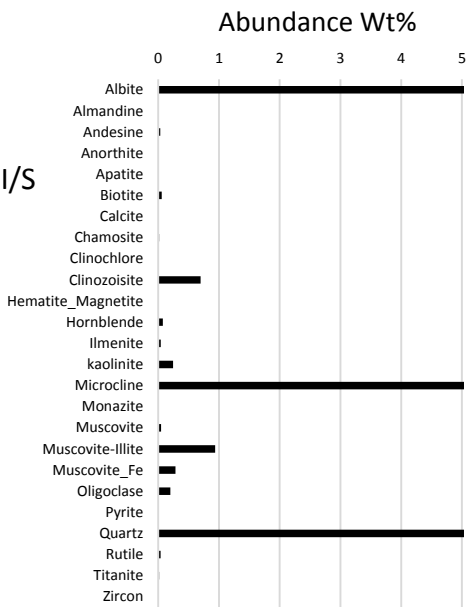


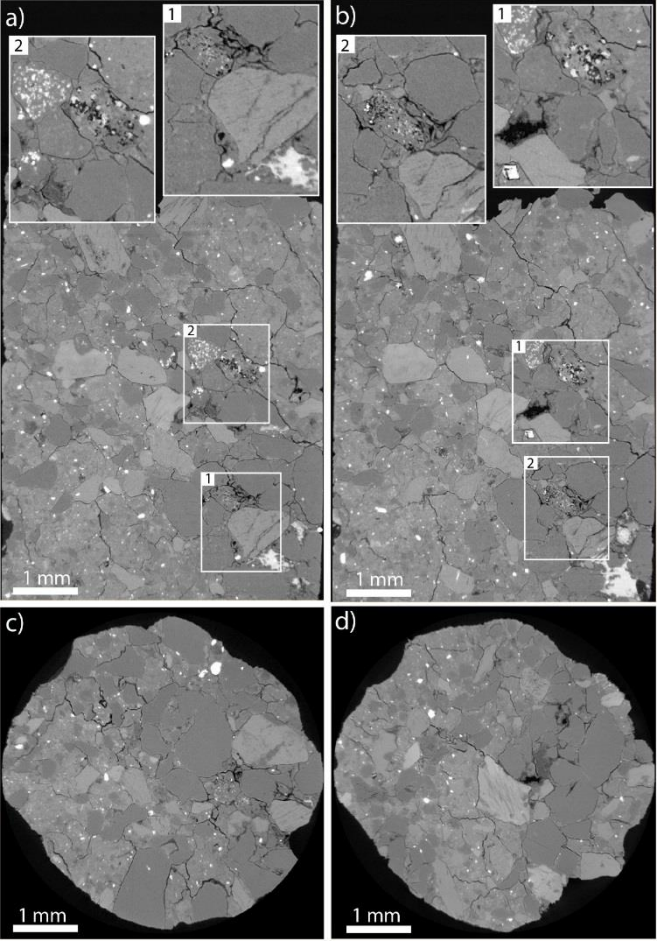


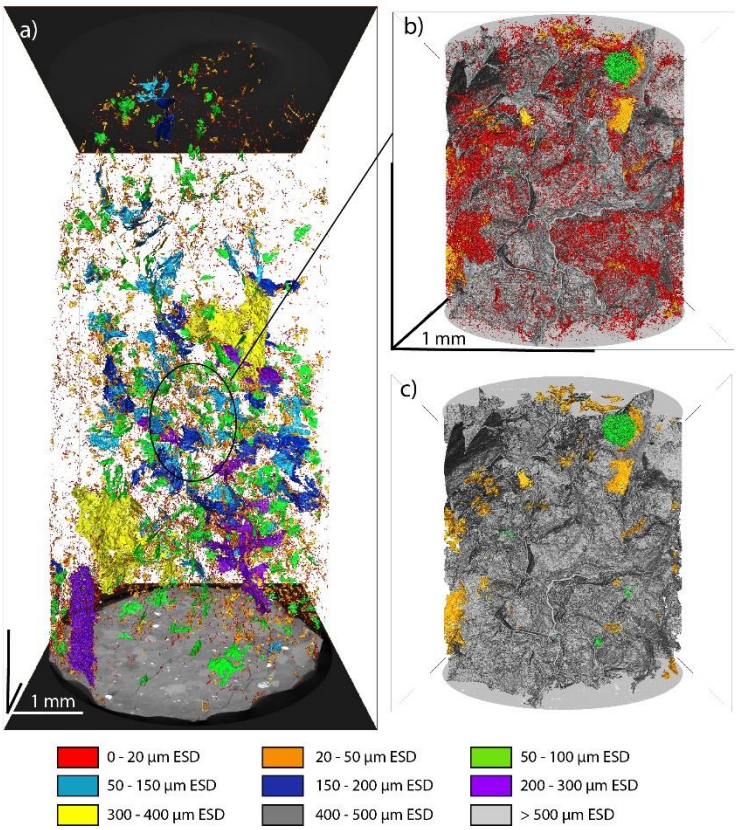


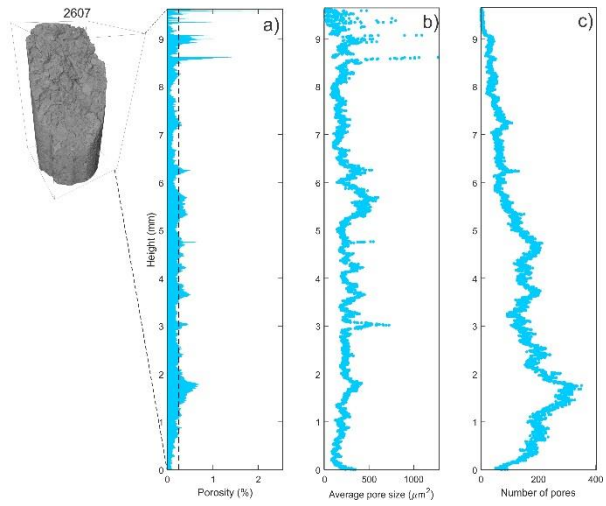


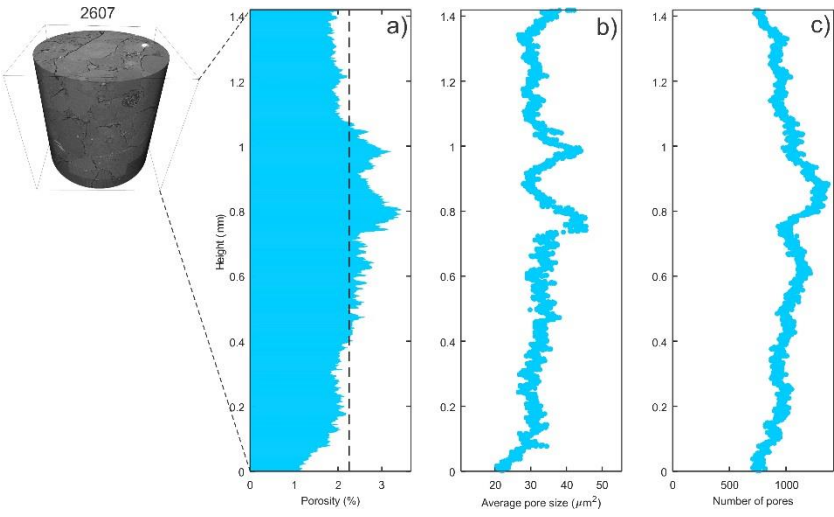


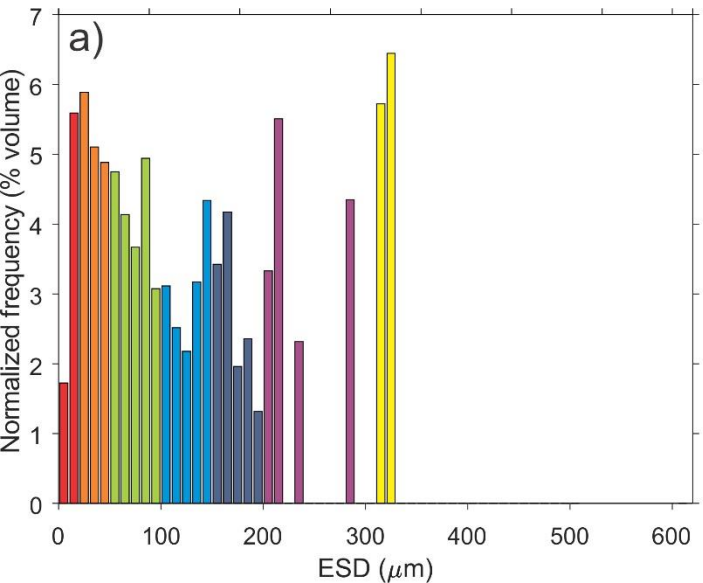


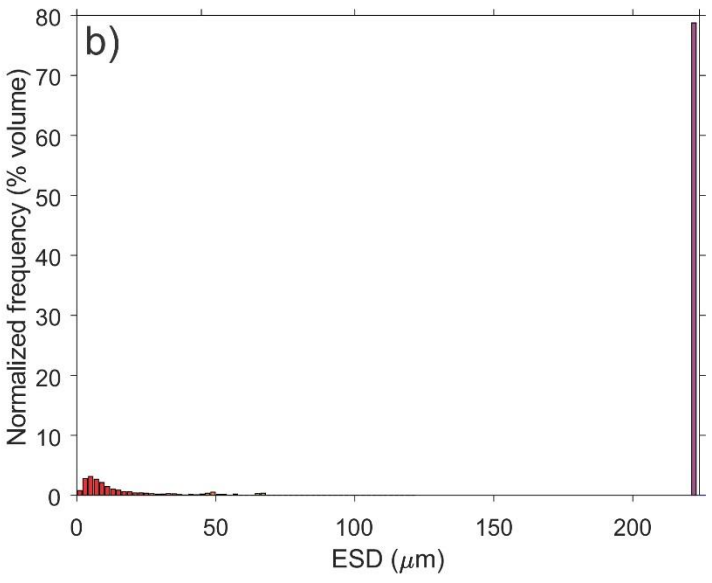

a)
b)
c)
d)
1
2
1 mm


a)
b)
c)
1 mm
0 - 20 µm ESD
20 - 50 µm ESD
50 - 100 µm ESD
50 - 150 µm ESD
150 - 200 µm ESD
200 - 300 µm ESD
300 - 400 µm ESD
400 - 500 µm ESD
> 500 µm ESD


2607
a)
b)
c)
Height (mm)
Porosity (%)
Average pore size (µm²)
Number of pores


2607
a)
b)
c)
Height (mm)
Porosity (%)
Average pore size (µm²)
Number of pores

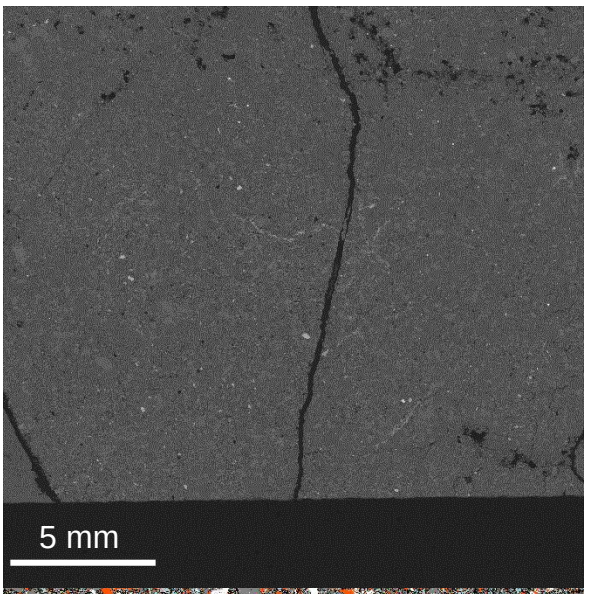

a)
Normalized frequency (% volume)
ESD (µm)

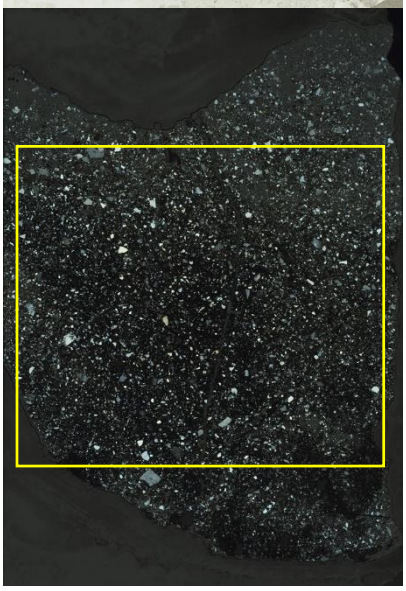

b)
Normalized frequency (% volume)
ESD (µm)

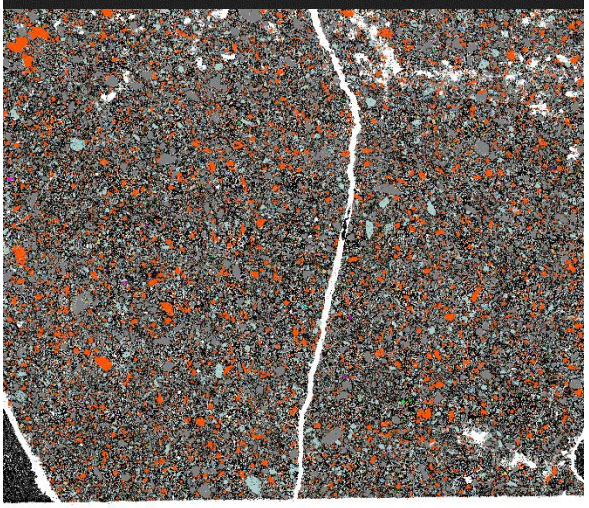
1101.35 Fluvial mudstone: unidentified

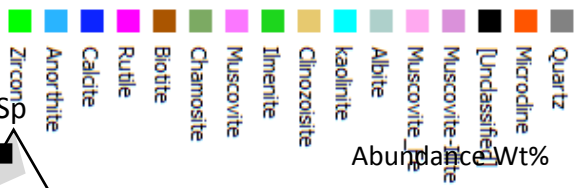


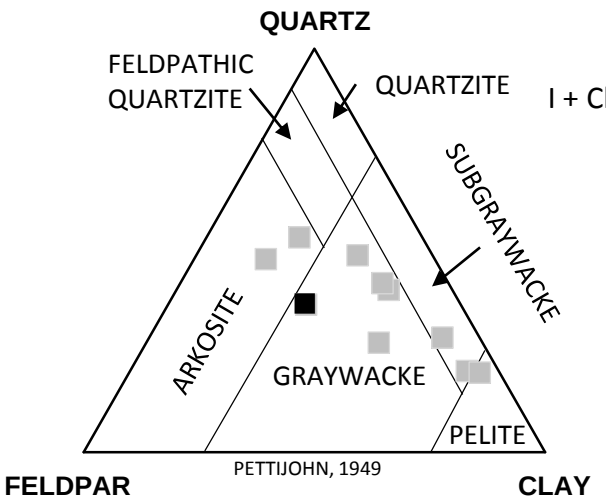


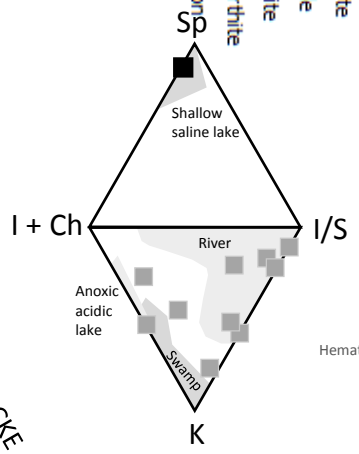


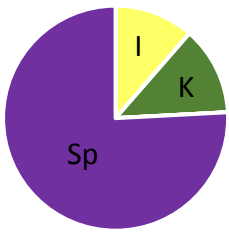


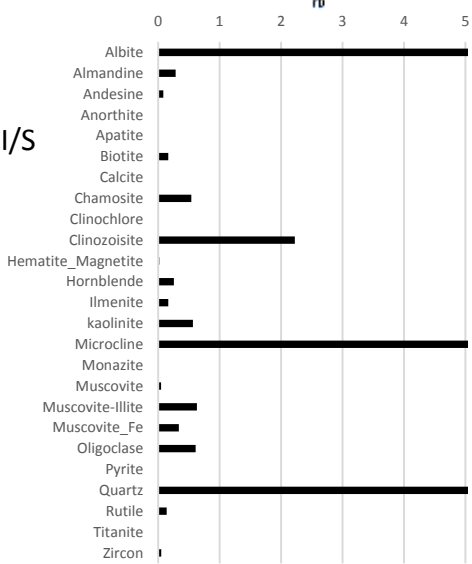


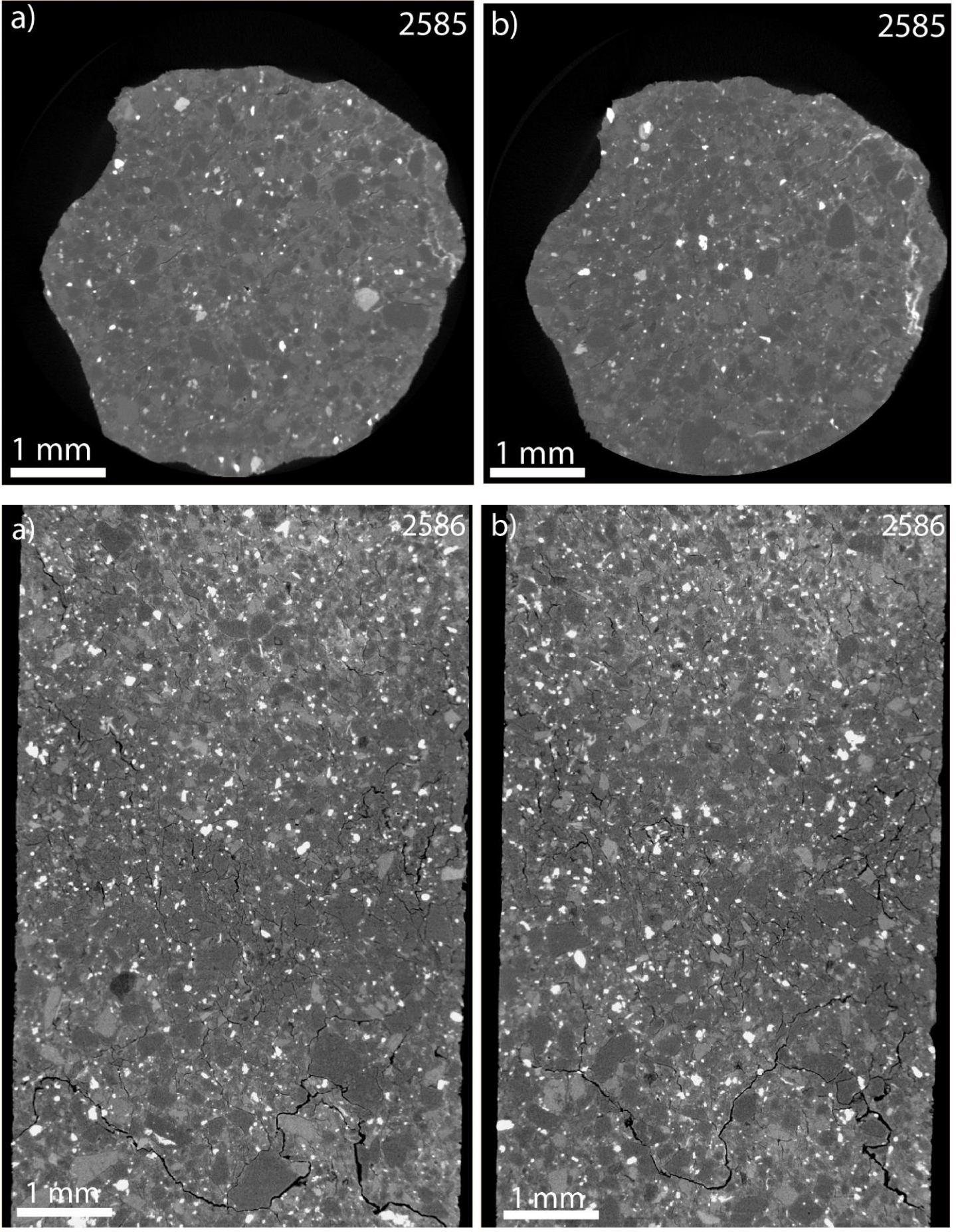






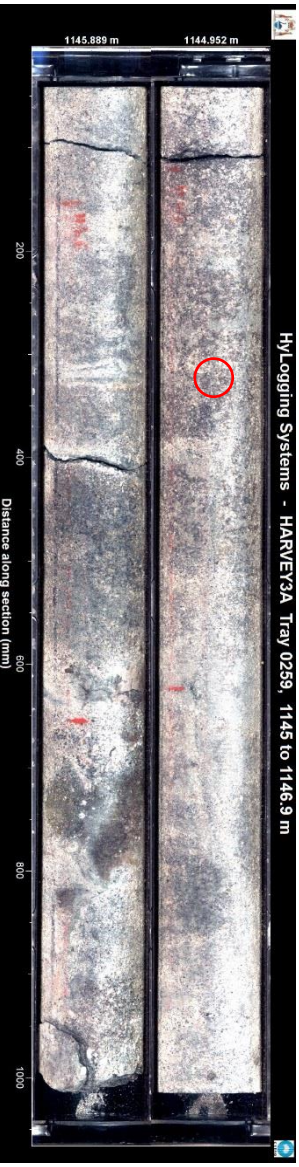


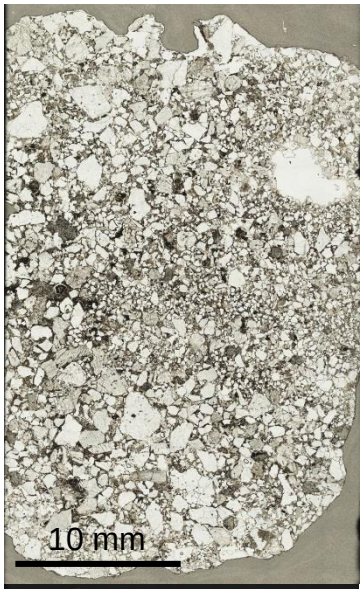


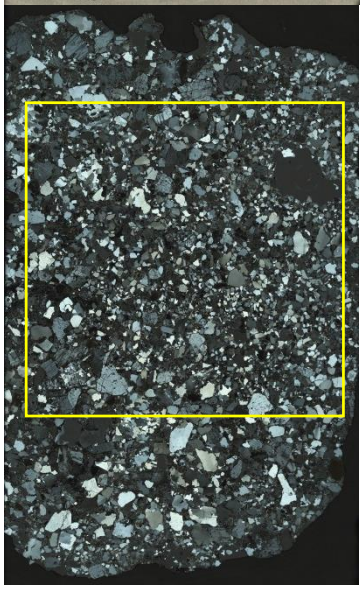

a)
2585
1 mm
b)
2585
1 mm
a)
2586
1 mm
b)
2586
1 mm

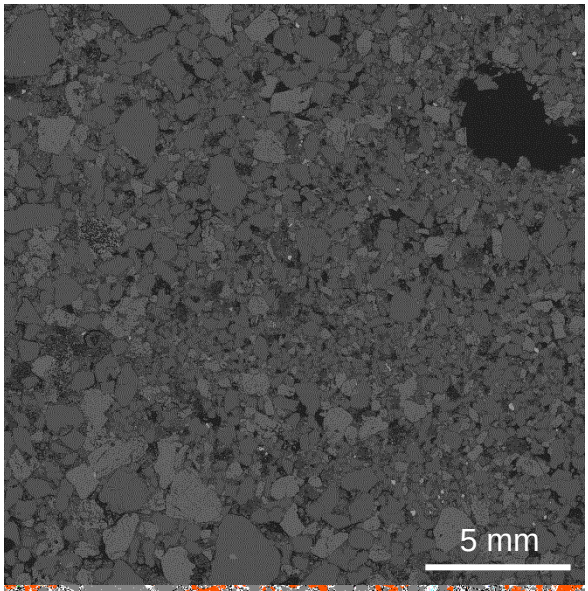
1145.25 Fluvial sandstone

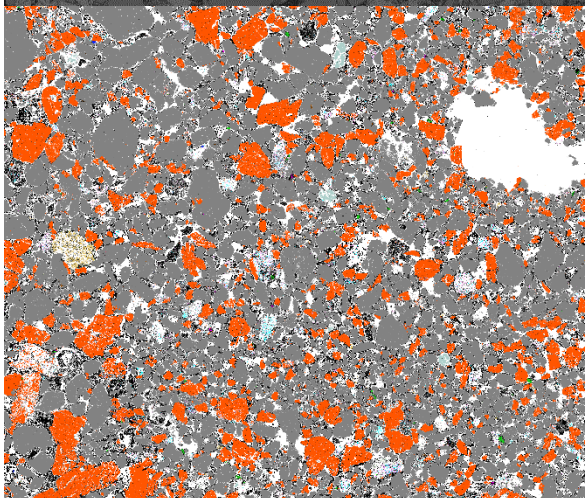
Sample core view, cross-polarised and transmitted light images of a polished thin section and SEM backscatter of a field of view with false colour image of the same field of view showing the main identified mineral phases.

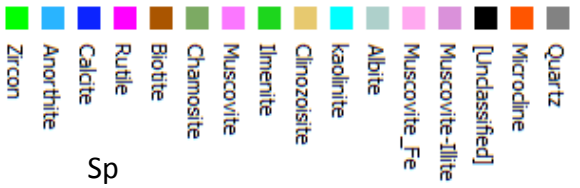


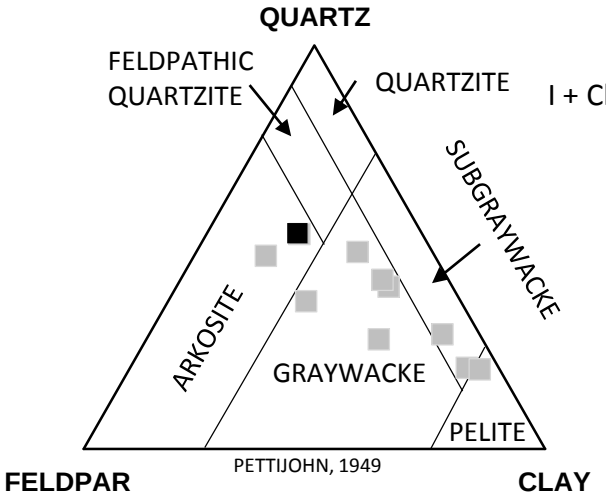


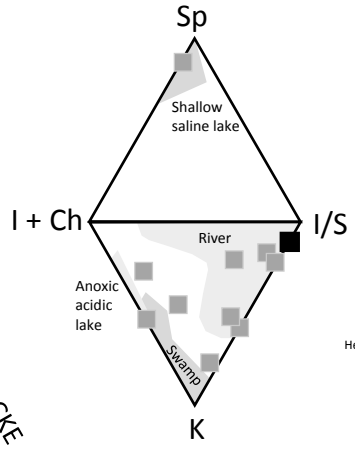


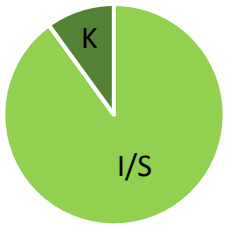


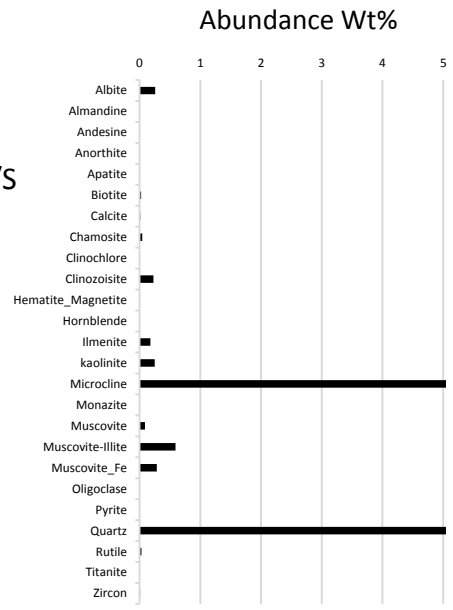


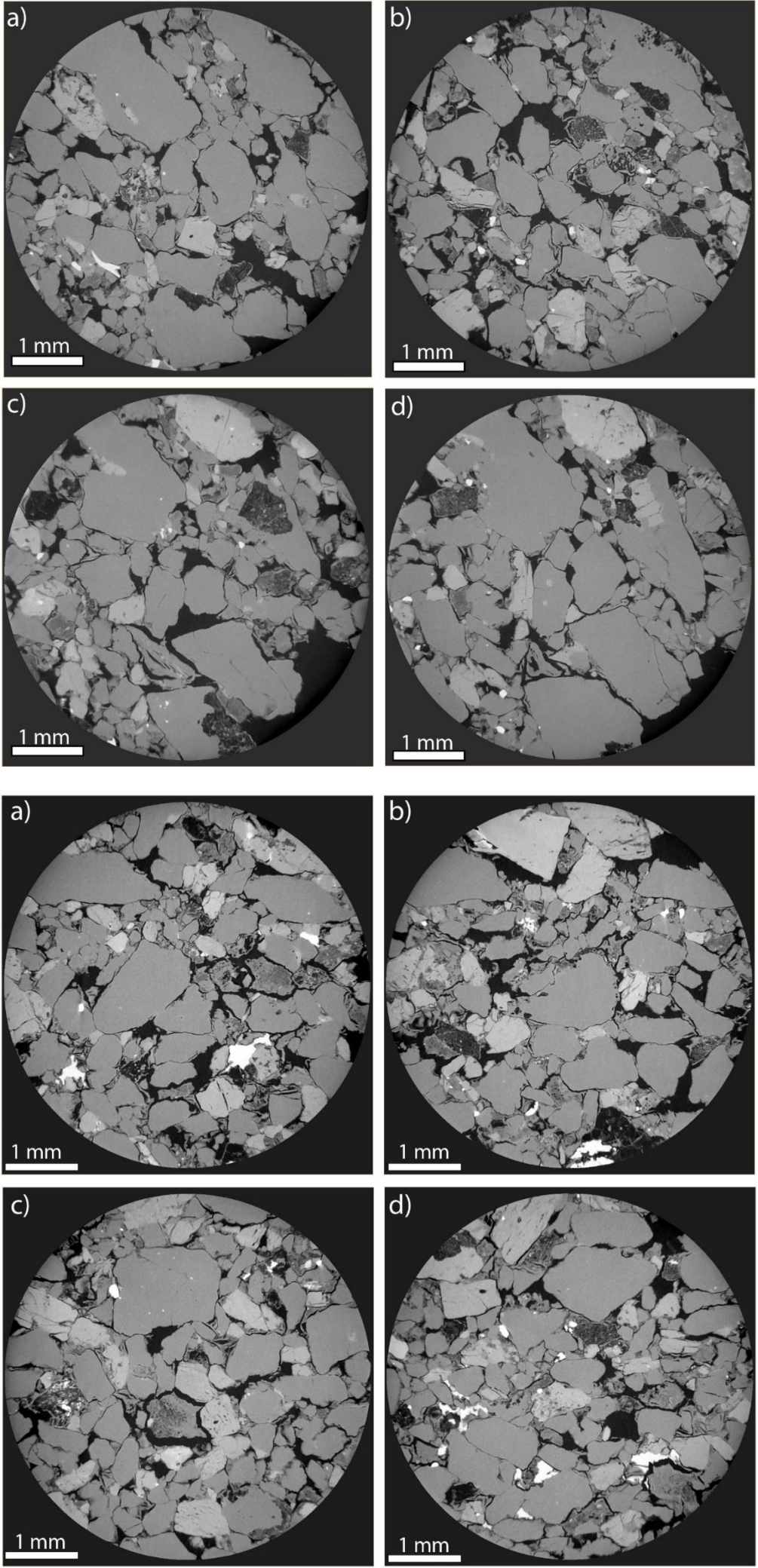






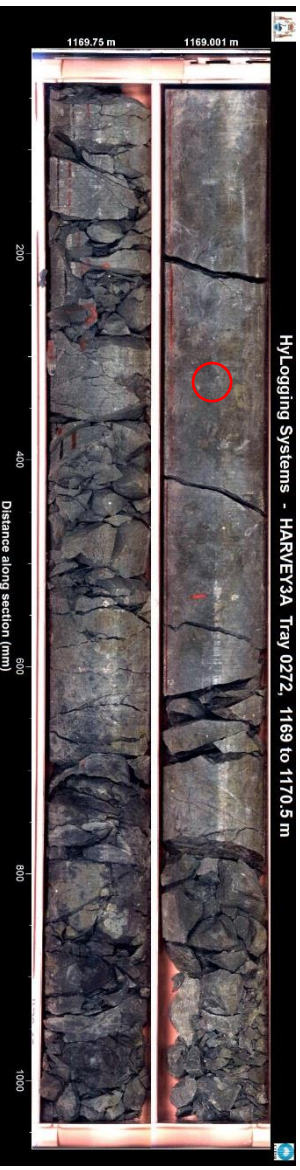




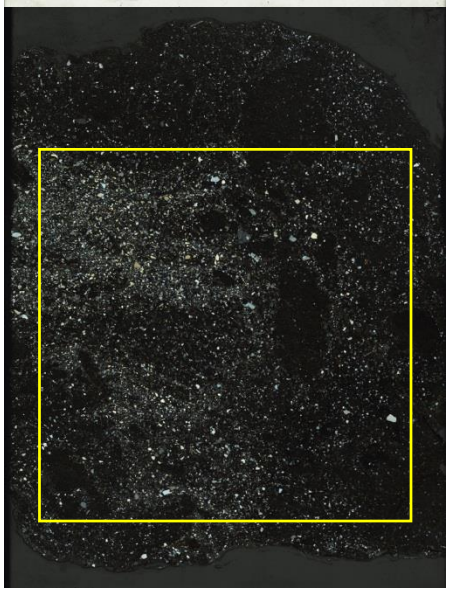

a)
1 mm
b)
1 mm
c)
1 mm
d)
1 mm
a)
1 mm
b)
1 mm
c)
1 mm
d)
1 mm

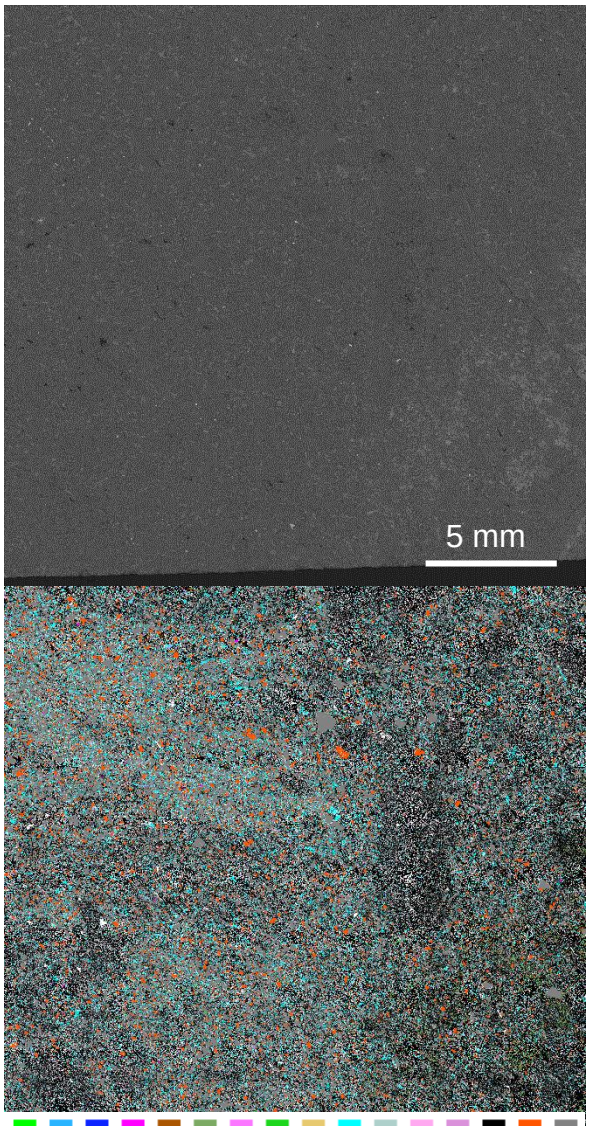
1169.35 Fluvial mudstone: swamp

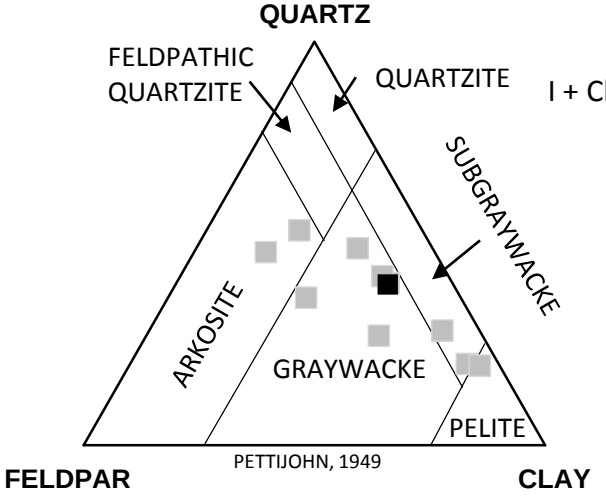
Sample core view, cross-polarised and transmitted light images of a polished thin section and SEM backscatter of a field of view with false colour image of the same field of view showing the main identified mineral phases.

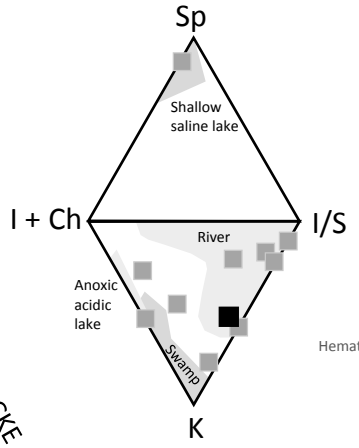


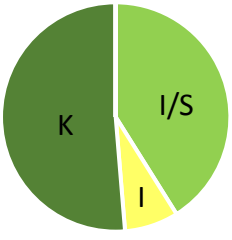


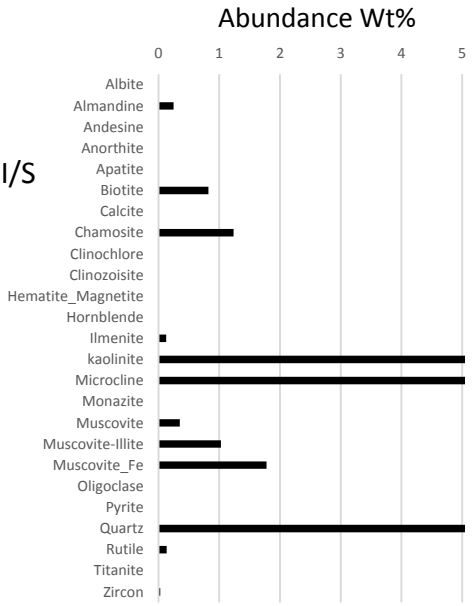


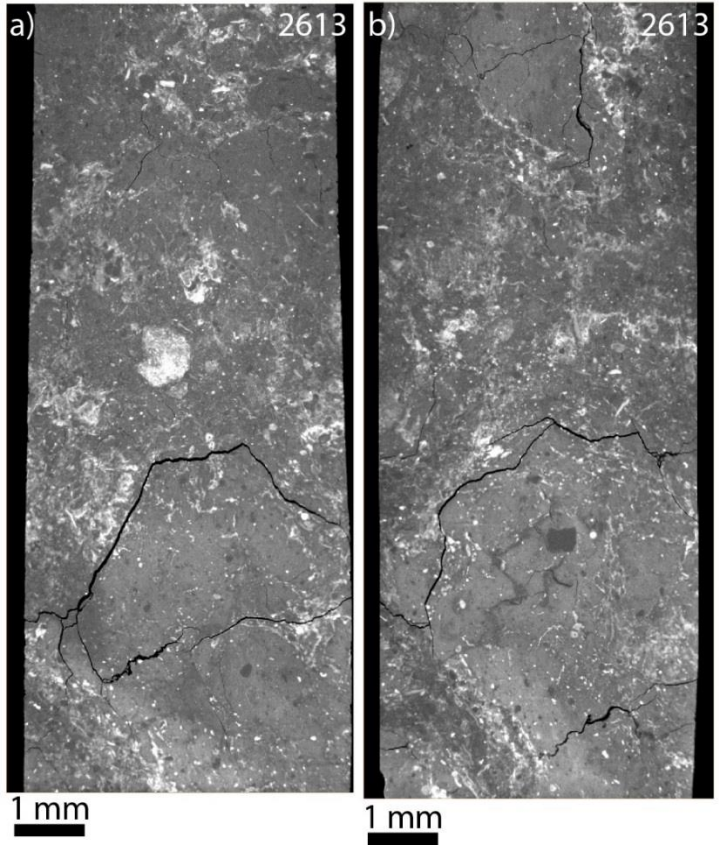


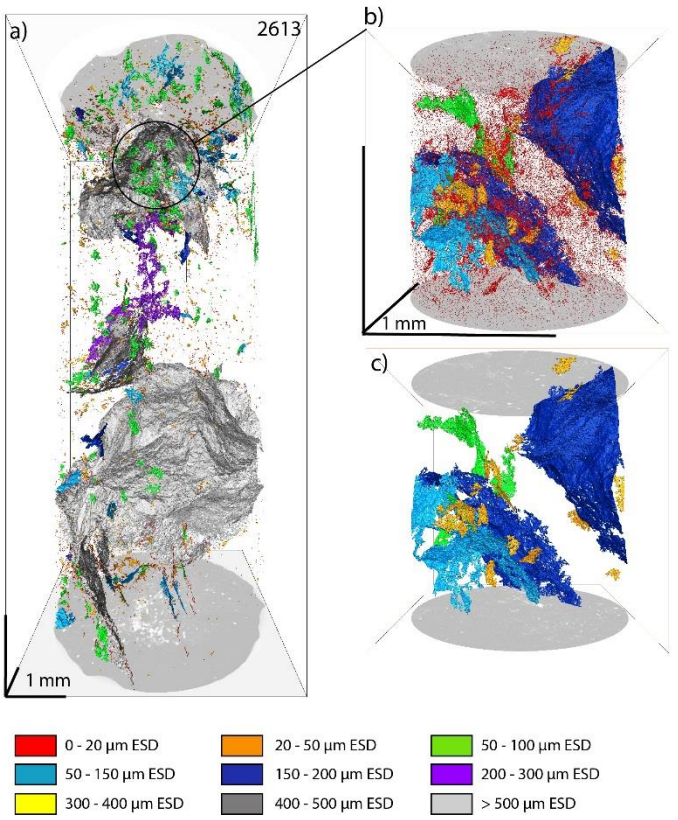


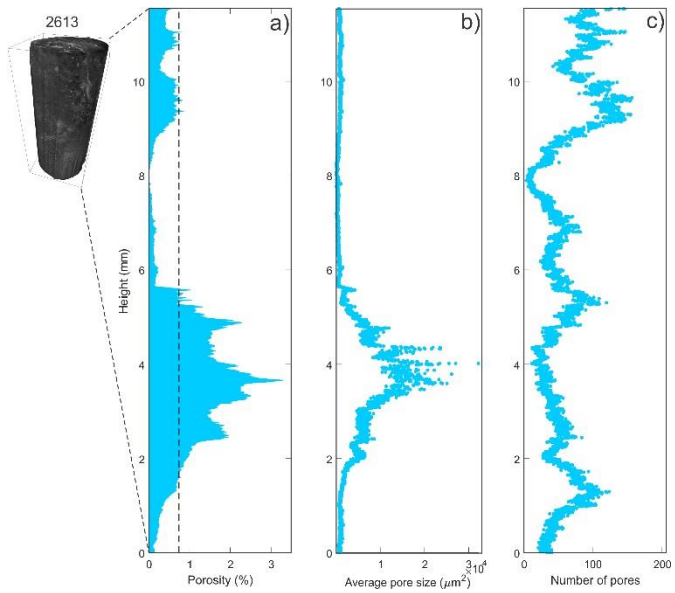


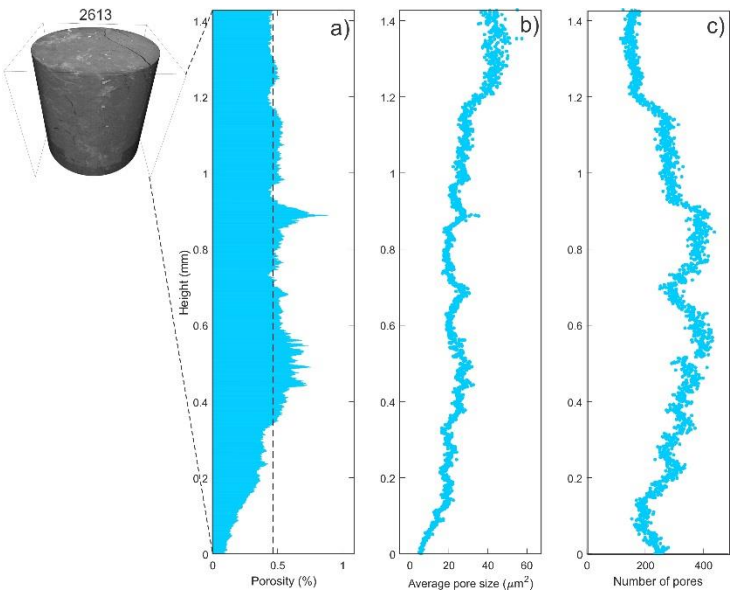


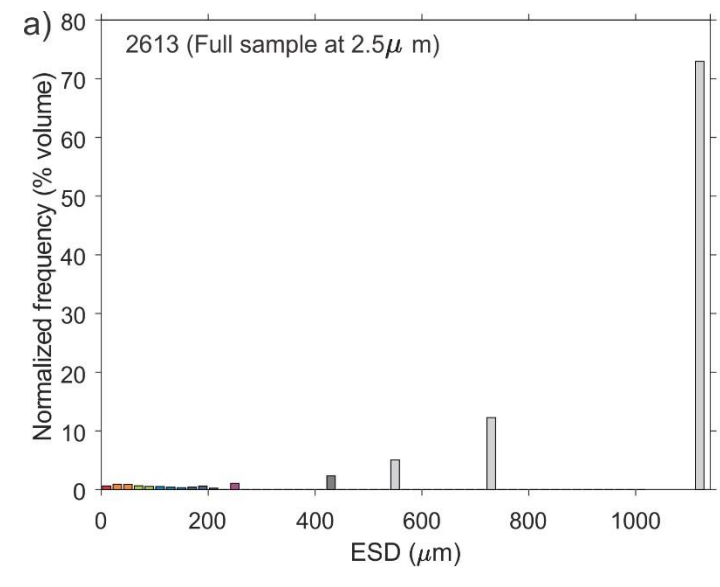


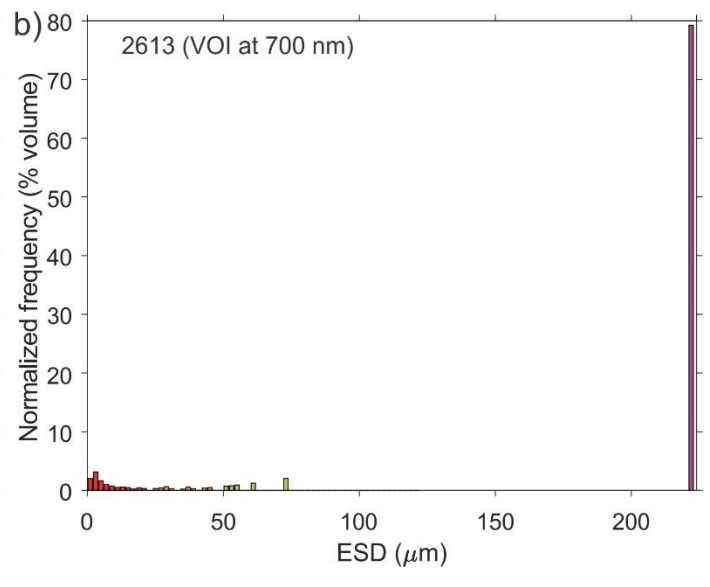

a)
2613
b)
2613
1 mm
1 mm


a)
2613
b)
1 mm
c)
1 mm
0 - 20 µm ESD
20 - 50 µm ESD
50 - 100 µm ESD
50 - 150 µm ESD
150 - 200 µm ESD
200 - 300 µm ESD
300 - 400 µm ESD
400 - 500 µm ESD
> 500 µm ESD


2613
a)
b)
c)
Height (mm)
Porosity (%)
Average pore size (µm²)
Number of pores


2613
a)
b)
c)
Height (mm)
Porosity (%)
Average pore size (µm²)
Number of pores

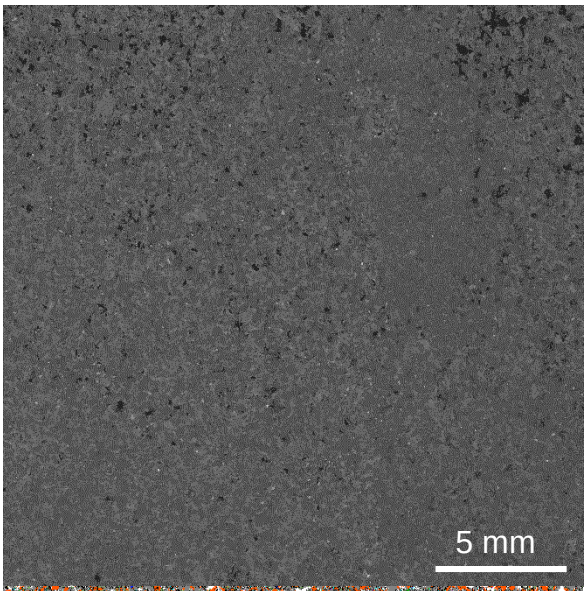

a)
2613 (Full sample at 2.5µ m)
Normalized frequency (% volume)
ESD (µm)

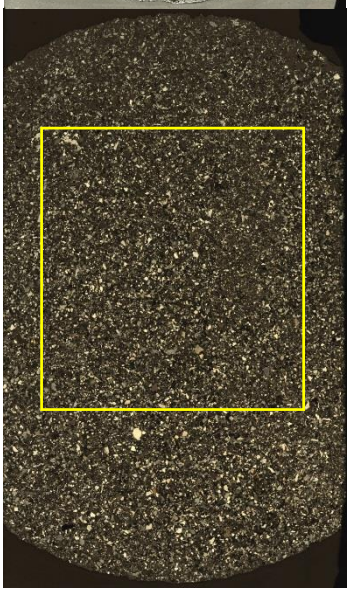

b)
2613 (VOI at 700 nm)
Normalized frequency (% volume)
ESD (µm)

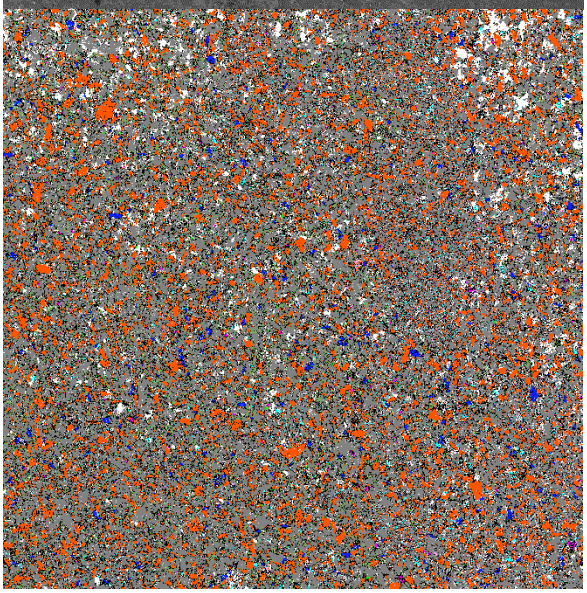
1386.12 Fluvial mudstone: green sands

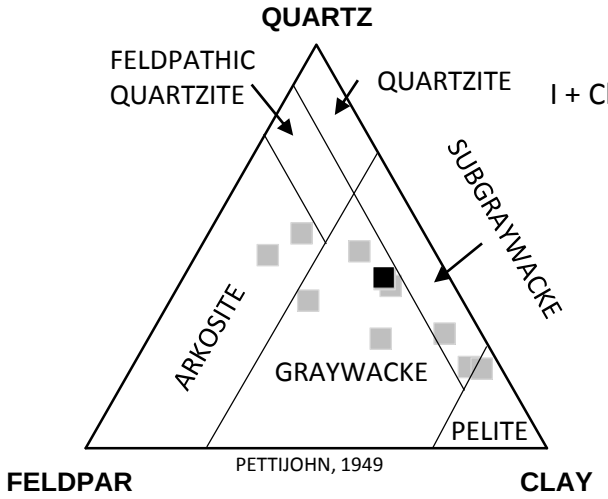


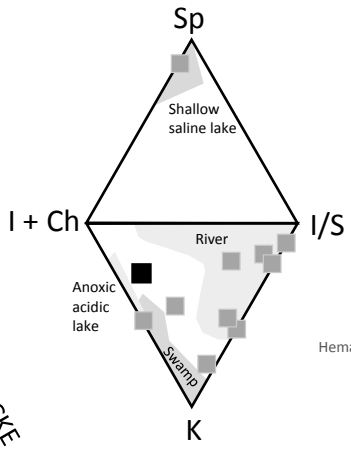


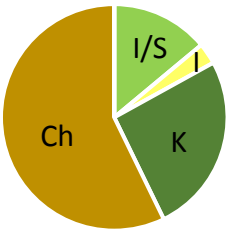


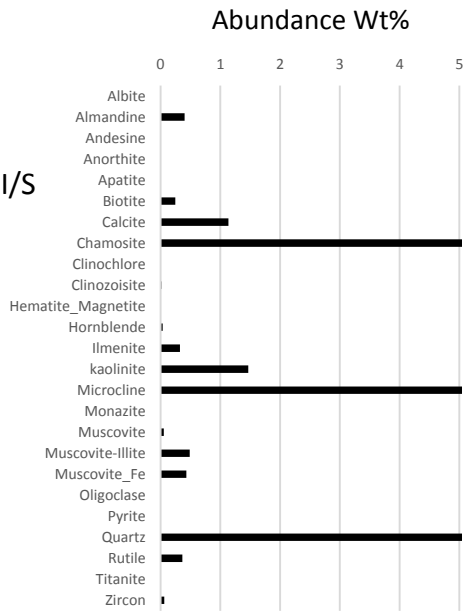


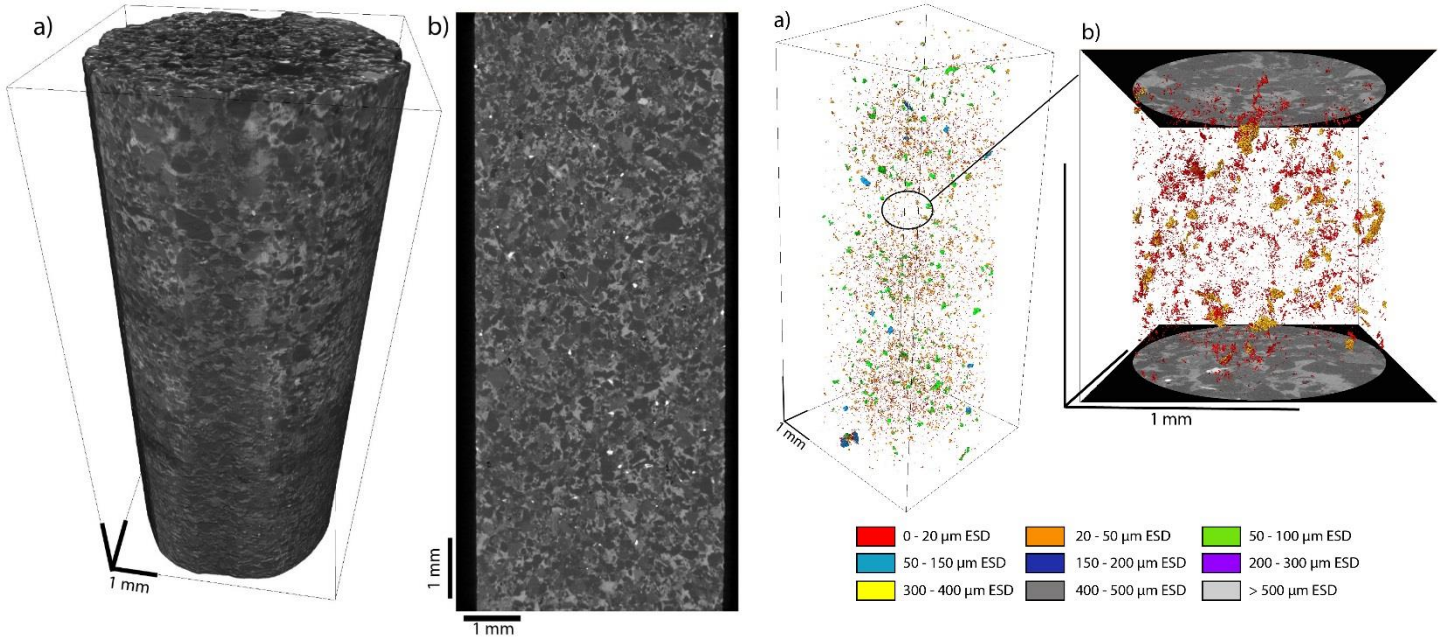


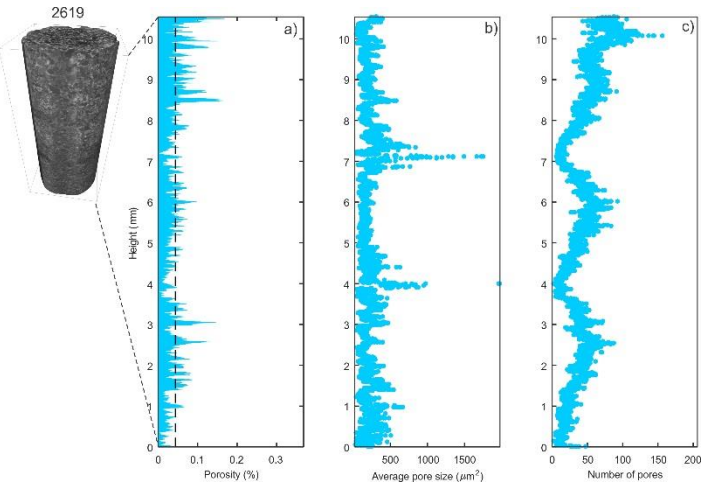


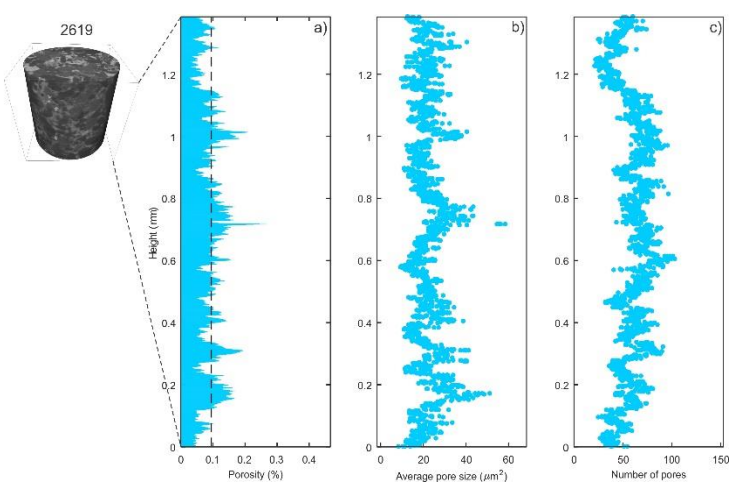


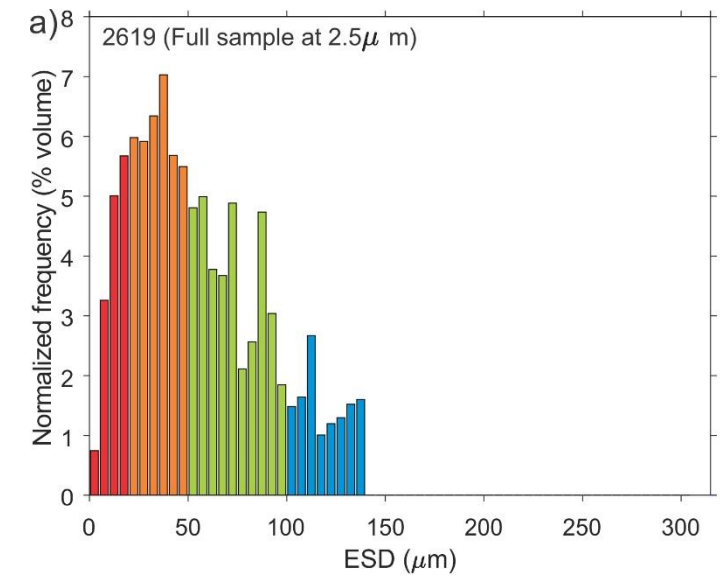


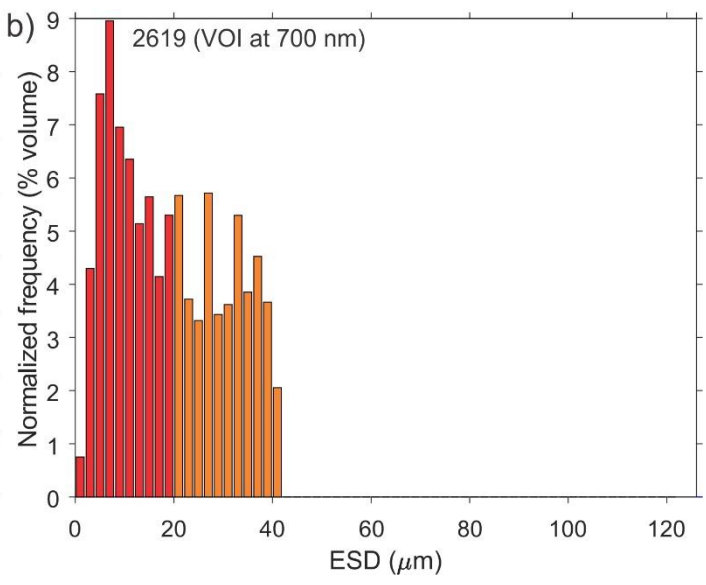



a)
b)
1 mm
1 mm
a)
b)
1 mm
1 mm
0 - 20 µm ESD
20 - 50 µm ESD
50 - 100 µm ESD
50 - 150 µm ESD
150 - 200 µm ESD
200 - 300 µm ESD
300 - 400 µm ESD
400 - 500 µm ESD
> 500 µm ESD

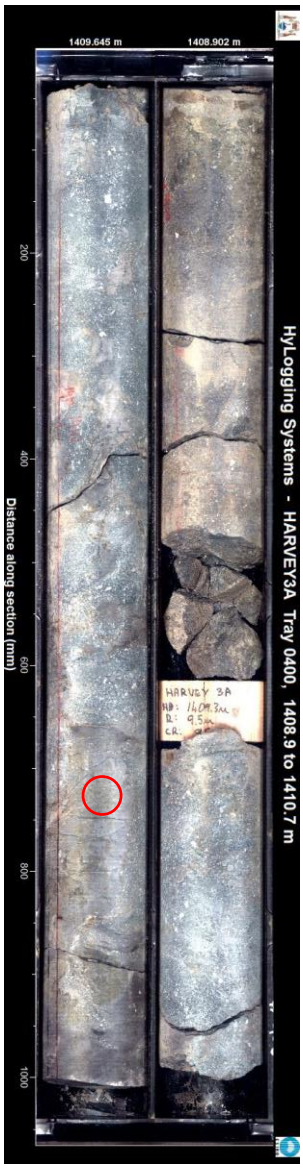

2619
a)
b)
c)
Height (mm)
Porosity (%)
Average pore size (µm²)
Number of pores


2619
a)
b)
c)
Height (mm)
Porosity (%)
Average pore size (µm²)
Number of pores

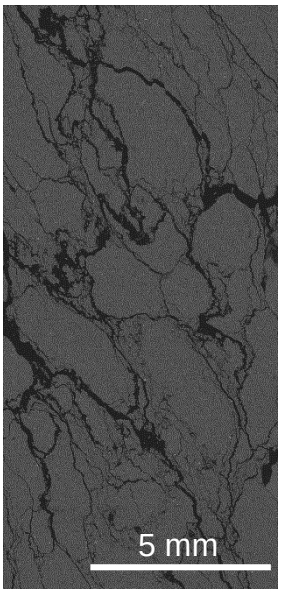

a)
2619 (Full sample at 2.5µ m)
Normalized frequency (% volume)
ESD (µm)

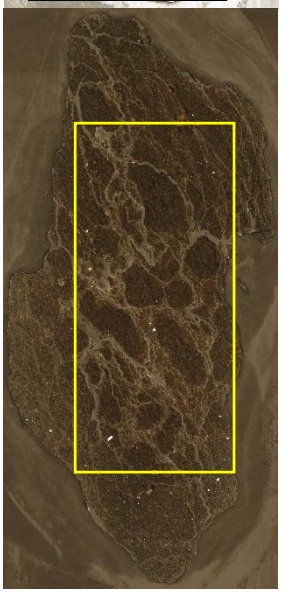

b)
2619 (VOI at 700 nm)
Normalized frequency (% volume)
ESD (µm)

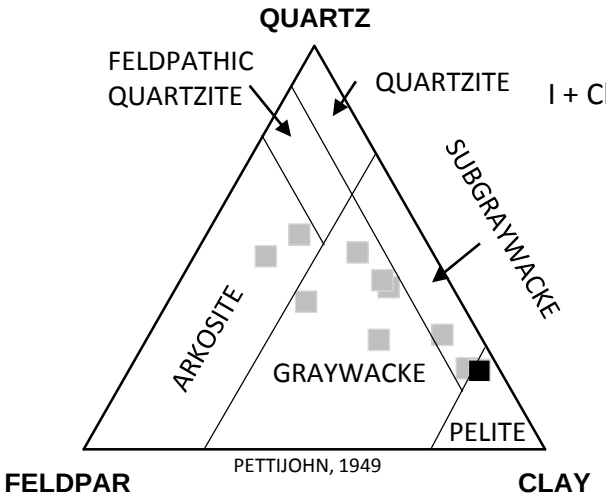
1410.55 Fluvial mudstone: Swamp

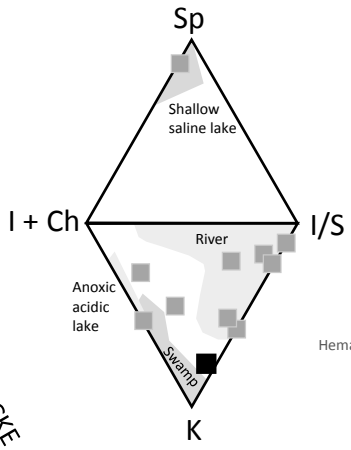


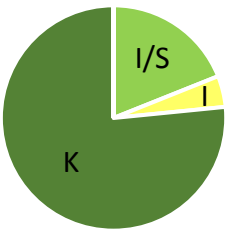


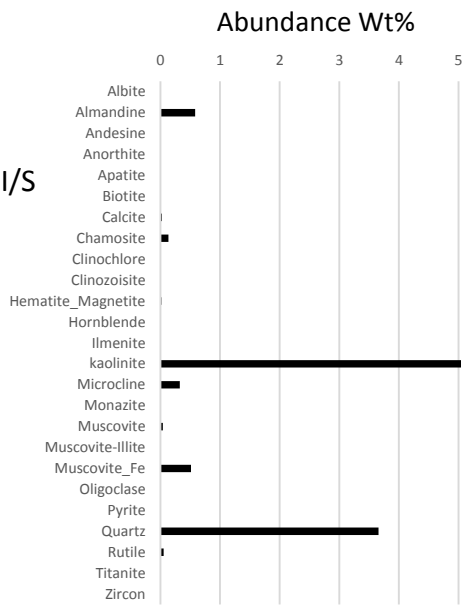


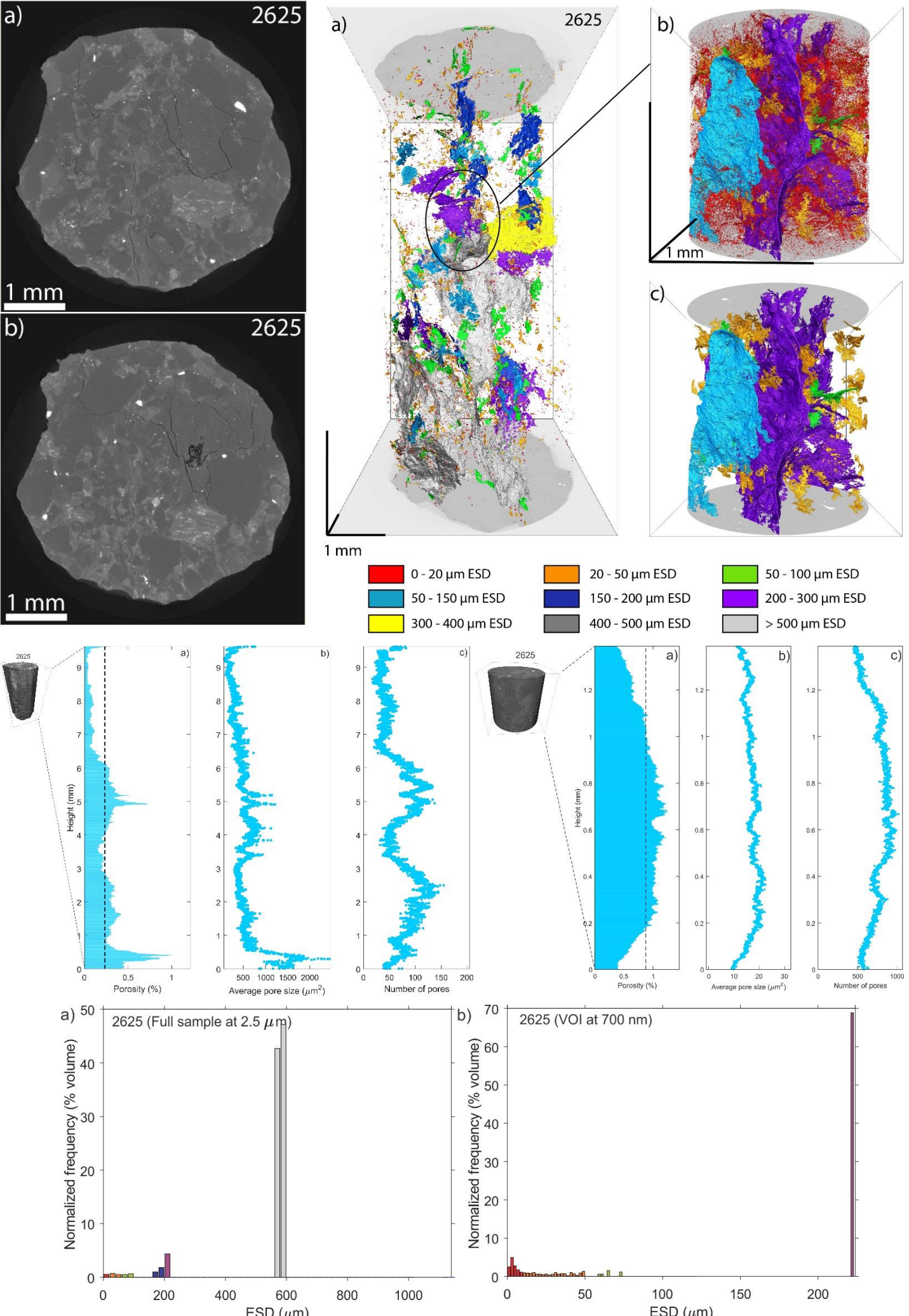











a)
2625
1 mm
b)
2625
1 mm
a)
2625
1 mm
b)
1 mm
c)
0 - 20 µm ESD
20 - 50 µm ESD
50 - 100 µm ESD
50 - 150 µm ESD
150 - 200 µm ESD
200 - 300 µm ESD
300 - 400 µm ESD
400 - 500 µm ESD
> 500 µm ESD
2625
a)
b)
c)
Height (mm)
Porosity (%)
Average pore size (µm²)
Number of pores
2625
a)
b)
c)
Height (mm)
Porosity (%)
Average pore size (µm²)
Number of pores
a)
2625 (Full sample at 2.5 µm)
Normalized frequency (% volume)
ESD (µm)
b)
2625 (VOI at 700 nm)
Normalized frequency (% volume)
ESD (µm)