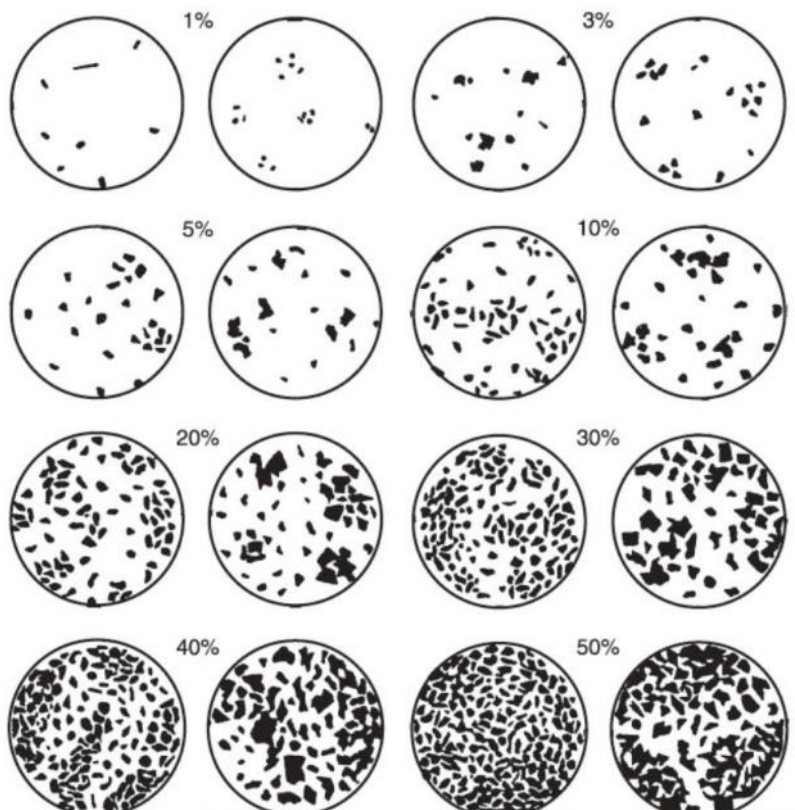


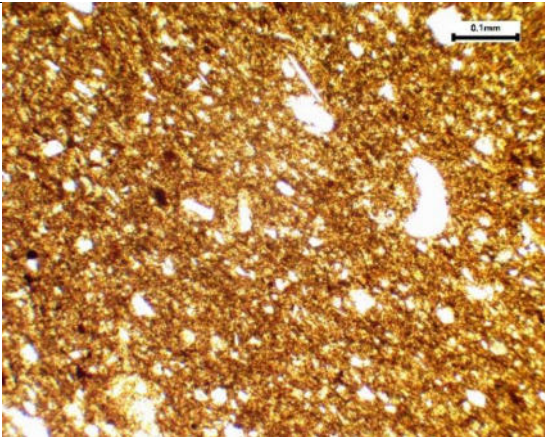
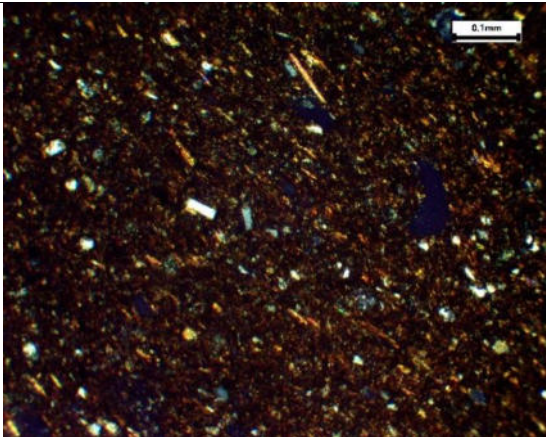
Catalogue 1: Pottery fabric groups

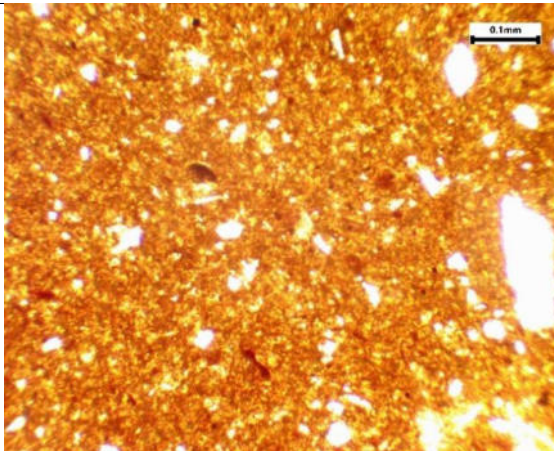
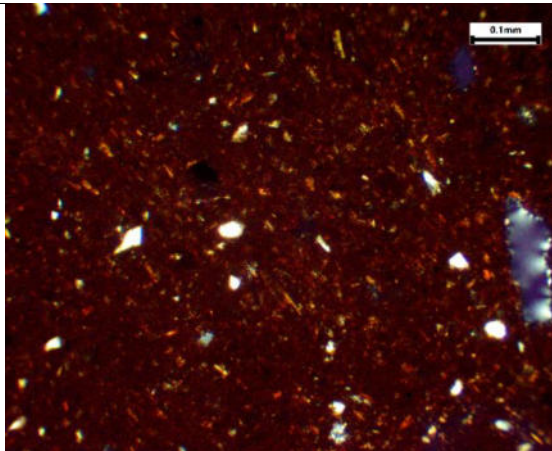
Table 1. Key to the estimations, abbreviations, and vocabulary used for petrographic description.

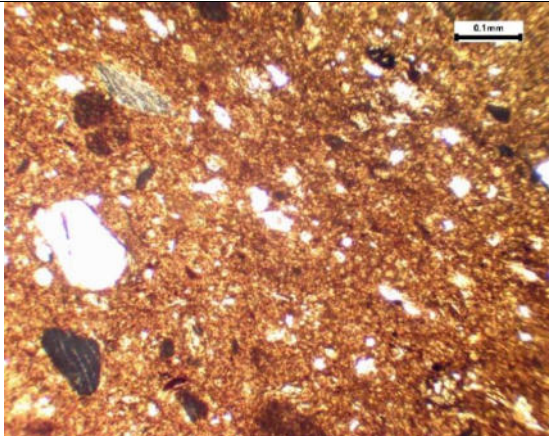
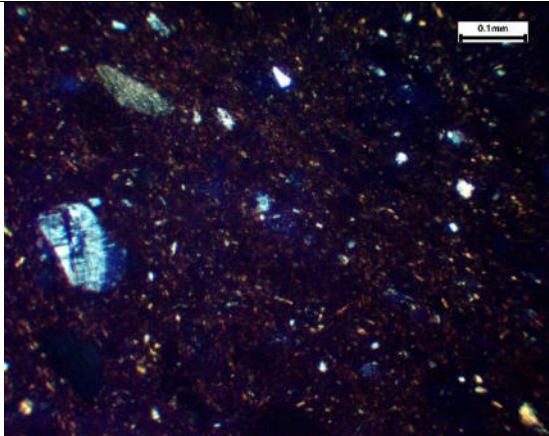
Inclusion frequency estimated in % (after Terry and Chilingar 1955)	
	
Inclusion shape (after Quinn 2013)	Inclusion size (after ISO 2017)
• euhd – euhedral • eq – equant • el - elongated • ang – angular • s-ang – sub-angular • s-rnd – sub-rounded • rnd – rounded	• MSi – medium silt – 0.0063 – 0.02 mm • CSi – coarse silt – 0.02 – 0.063 mm • FSa – fine sand – 0.063 – 0.2 mm • MSa – medium sand – 0.2 – 0.63 mm • CSa – coarse sand – 0.63 – 2.0 mm • FGr – fine gravel – 2.0 – 6.3 mm • MGr – medium gravel – 6.3 – 20 mm
Void shape (after Kemp 1985)	Void size (after Kemp 1985)
• channel – elongated rounded • planar void – narrow angular elongated crack-like void • vesicle – rounded • vugh - amorphous	• micro – <0.05 mm • meso – 0.05–0.5 mm • macro – 0.5–2 mm • mega – >2 mm
“Mostly” in combination with a characteristic e. g. “mostly optically active” means that the majority of samples in that fabric group have this characteristic i. e. the majority is optically active.	
“Groundmass” means matrix and fine fraction together.	

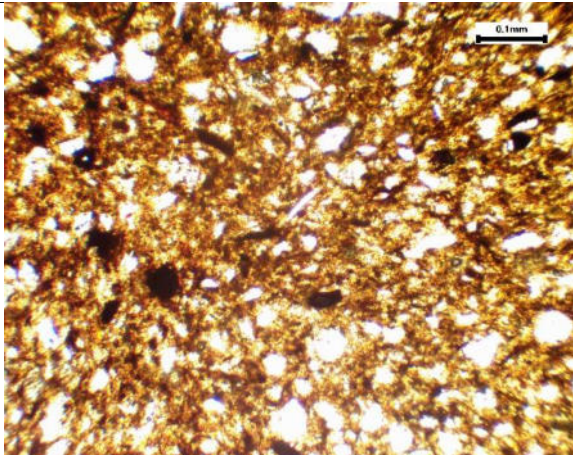
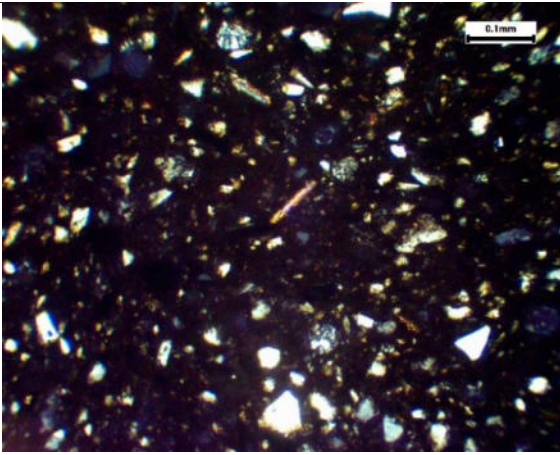
1 Majiayao

1.1 Fine fabrics

Fabric group: 1; Fine, Mica-Quartz -Feldspar	Site: Majiayao
Samples: CNP6, 8, 17, 38, 39, 40, 41, 42, 44, 50, 51, 54, 55, 57, 62, 63, 66, 67, 68, 70.	
Description	
Mostly well-sorted fabric with 20-30% average inclusion frequency and <0.2% coarse fraction, except for CNP17 and CNP57 which have 5% coarse fraction each.	
<u>Dominant non-plastic inclusions (average % for each type):</u>	
• mica 45.5 % • quartz 40% • feldspar 7% • micritic/ crystalline calcite 4%	
<u>Matrix:</u> average matrix abundance: 65-70%; mostly homogeneous; micaceous; mostly optically active.	
<u>Porosity:</u>	
• average void abundance: 3-5% • average void type and size: macro/ meso vughs and vesicles	
<u>Textural features/ comments:</u> voids in some sherds are filled with micritic calcite; this fabric is similar to the groundmass of CNP16/ Fabric 5. CNP57 has vitrified rounded inclusions which could be volcanic glass.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP63	
	

Fabric group: 2A; Fine Mica-Quartz-Feldspar with lesser inclusion frequency than Fabric 1	Site: Majiayao
Samples: CNP2, 3, 4, 5, 7, 45, 46, 47, 48, 49, 56, 59, 60, 61, 65, 69.	
Description	
Well-sorted fabric with 15% average inclusion frequency and <0.1% average coarse fraction.	
<u>Dominant non-plastic inclusions (average % for each type):</u>	
• mica 48% • quartz 46% • feldspar 5%	
<u>Matrix:</u> average matrix abundance: 80-85%; micaceous; mostly homogeneous; mostly moderate optical activity.	
<u>Porosity:</u>	
• average void abundance: 5% • average void type and size: meso vughs and vesicles	
<u>Textural features/ comments:</u> CNP69 has a MSi-sized fine fraction; less inclusion frequency than Fabric group 6.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP45	
	

Fabric group: 2B; Fine Mica-Quartz-Feldspar with Calcite fraction	Site: Majiayao
Samples: CNP43.	
Description	
Well sorted fabric with 10-20% inclusion frequency and 1% coarse fraction. <u>Dominant non-plastic inclusions:</u> • quartz 35% • mica 35% • micritic calcite 25% • feldspar 5% <u>Matrix:</u> matrix abundance: 70-80%; homogeneous; micaceous; optically active. <u>Porosity:</u> void abundance: 10%; macro/meso vughs. <u>Textural features/ comments:</u> it is not clear if the calcite inclusions are naturally present or post-depositional secondary accumulations.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP43  	

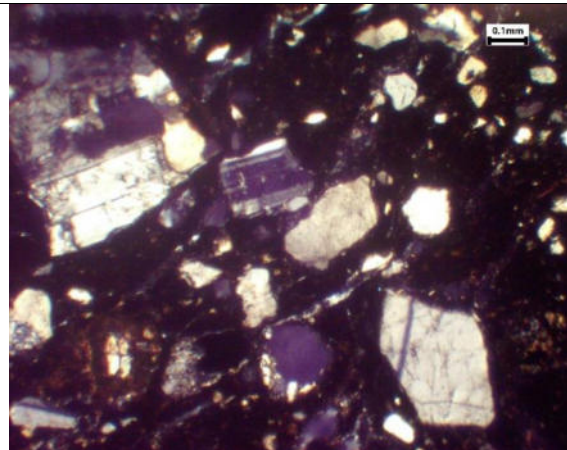
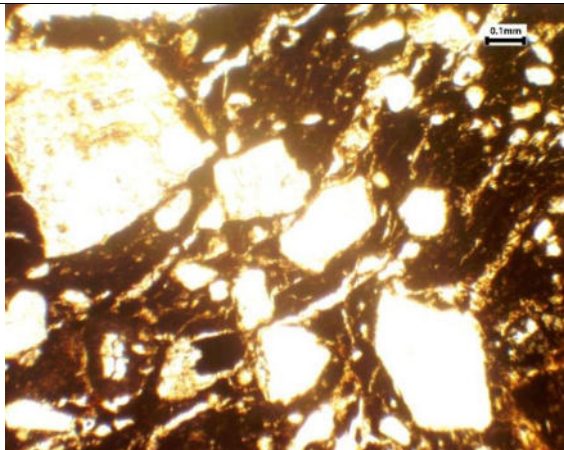
Fabric group: 3; Fine, Quartz dominant	Site: Majiayao
Samples: CNP15, 53, 64.	
Description	
Mostly well sorted fabric with 30% average inclusion frequency and 0% coarse fraction, except for CNP53 with 3% coarse fraction.	
<u>Dominant non-plastic inclusions (average % for each type):</u>	
• quartz 60% • mica 32% • feldspar 8%	
<u>Matrix:</u> average matrix abundance: 67%; homogeneous; micaceous; moderate optical activity.	
<u>Porosity:</u>	
• average void abundance: 1-3% • average void type and size: macro/ meso vesicles	
<u>Textural features/ comments:</u> none.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP64	
	

1.2 Coarse fabrics

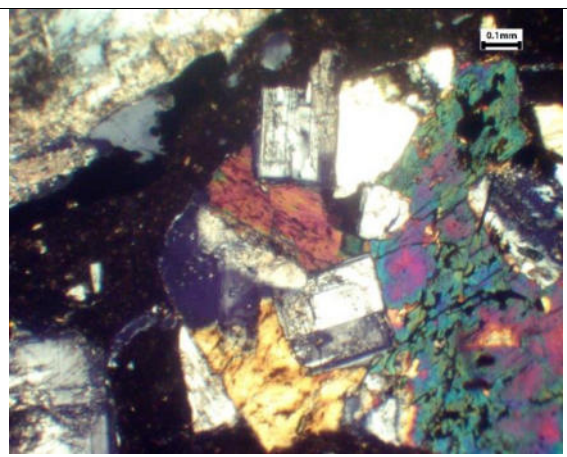
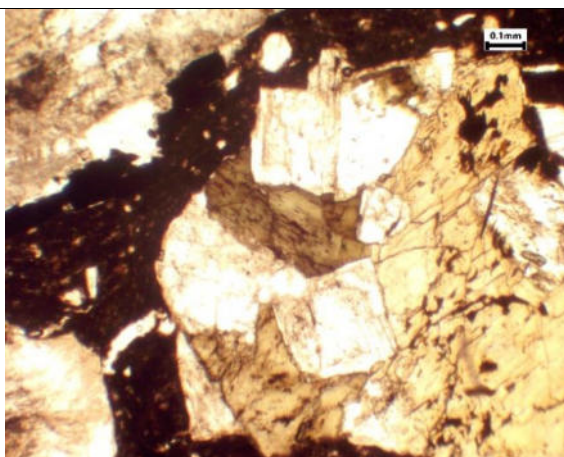
Fabric group: 4A; Coarse, Quartz-Feldspar and Granodiorite fragments	Site: Majiayao
Samples: CNP12, 18, 20, 23, 24, 25, 27, 28, 30, 31, 32, 33, 52.	
Description summary	
Poorly sorted fabric with 30-40% inclusion frequency and 40% average coarse fraction. <u>Dominant coarse non-plastic inclusions (average % for each type):</u> • quartz (euhd, eq, el; ang – s-rnd; FSa-FGr) 36% • feldspar, mostly plagioclase with rare microcline (euhd, eq, el; ang – s-rnd; FSa-FGr) 31% • granodiorite fragments – combination of quartz, plagioclase/ microcline feldspar, biotite and/ or muscovite and/or hornblende (eq; ang; CSa-FGr) 18% • micritic/ crystalline calcite (eq; rnd; MSa-CSa) 7% • biotite (lamellae, FSa-CSa) 4% <u>Fine fraction (average % for each type):</u> • quartz 41% • calcite/ micrite 40% • mica 15% • feldspar 4% <u>Matrix:</u> average matrix abundance: 50%; micaceous; mostly homogeneous; mostly optically active. <u>Porosity:</u> • average void abundance: 10% • average void type and size: mega/macro/meso vughs, vesicles <u>Textural features / comments:</u> the circular alignment of coarse lithic inclusions in some samples can be interpreted as relic coils. High porosity is due to coarseness of the fabric, except for CNP25 which is coarse but without large cracks. Not sure if the high amount calcite in the fine fraction are post-depositional secondary calcite accumulations or natural present inclusions.	

Photomicrographs (left - PPL, right - XPL; scale size 0.1 mm)

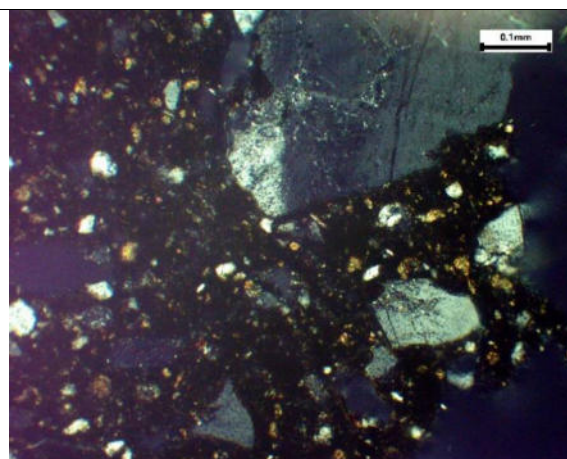
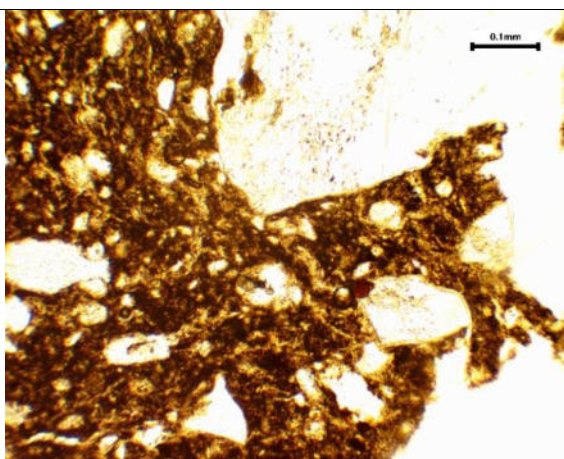
CNP18

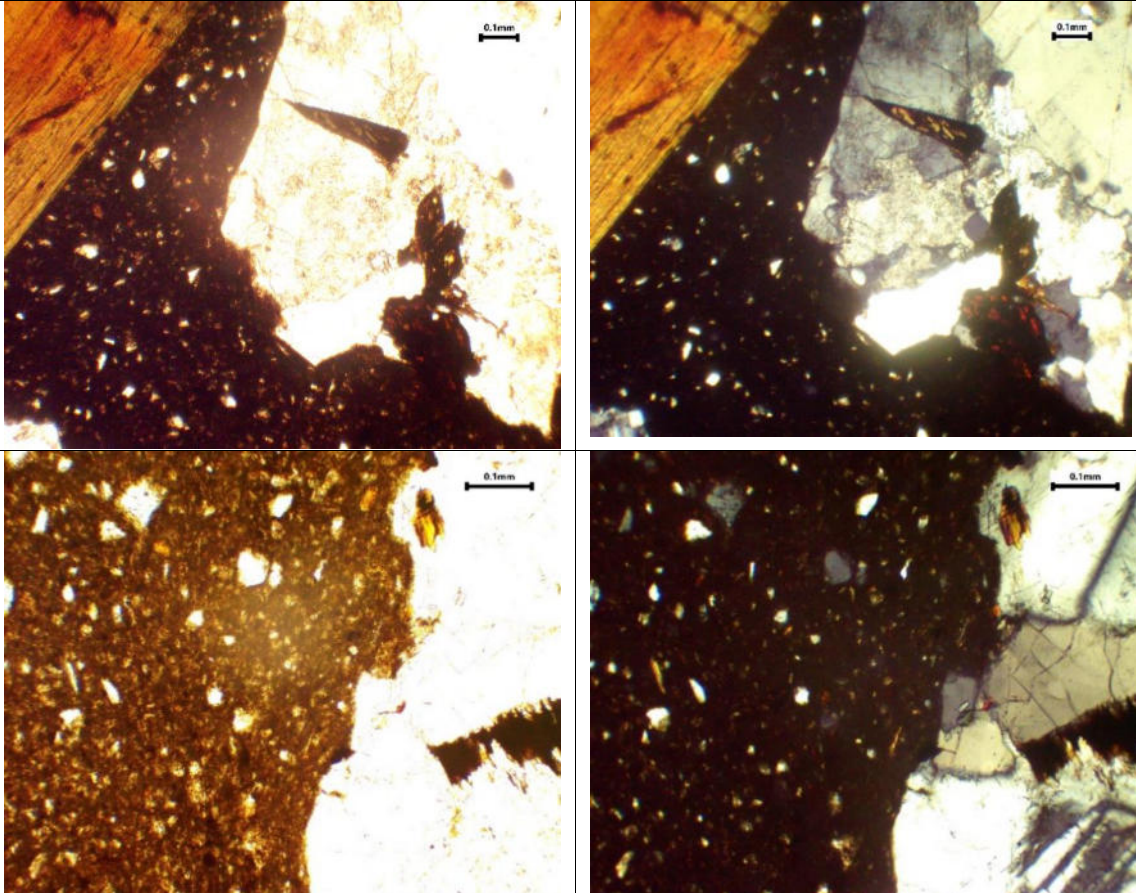


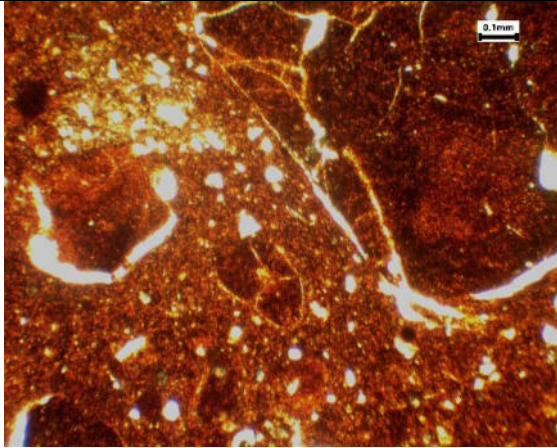
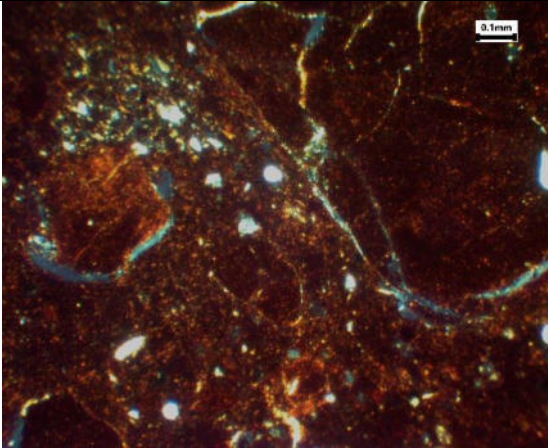
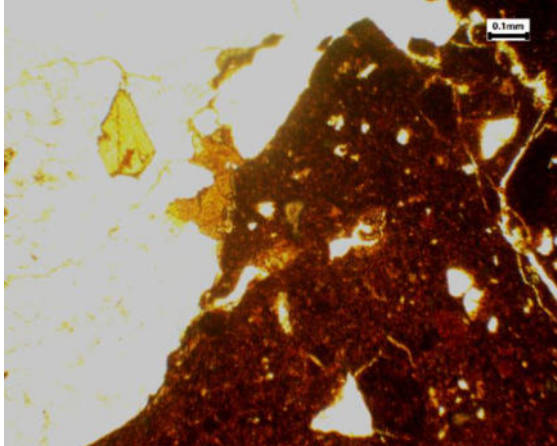
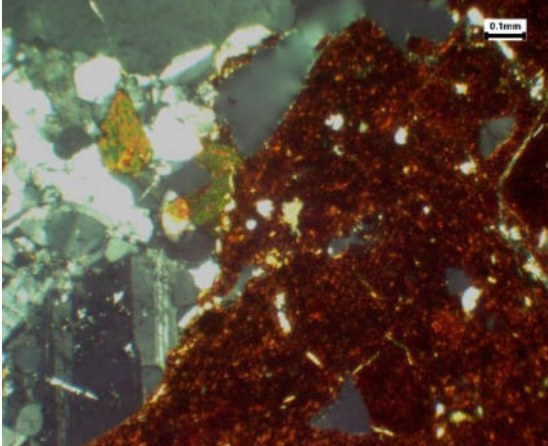
CNP23

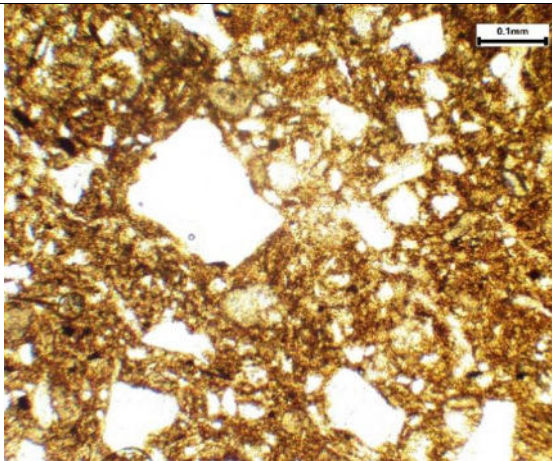
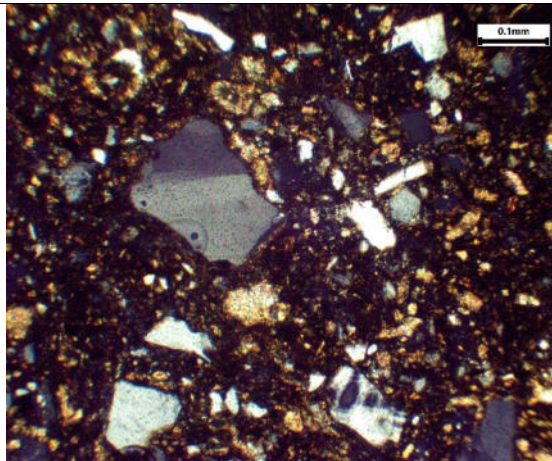


CNP27

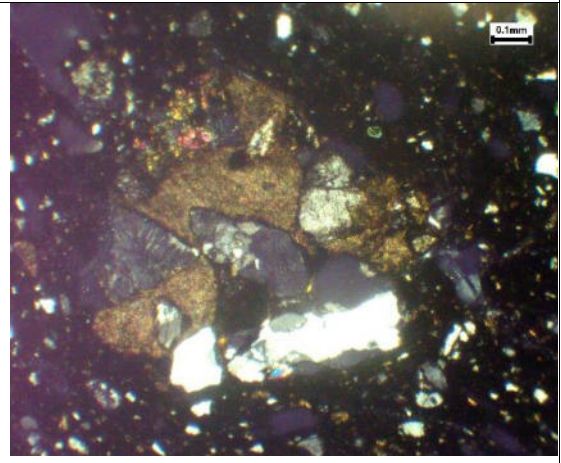
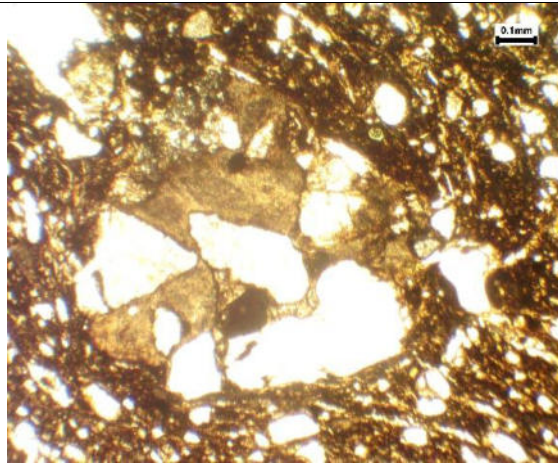


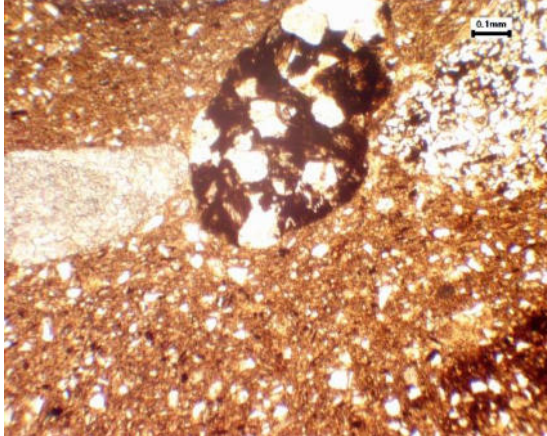
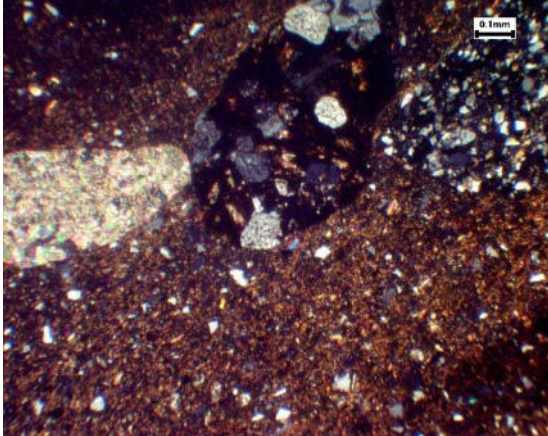
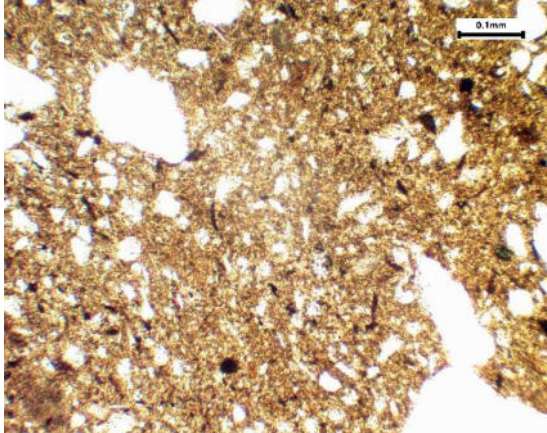
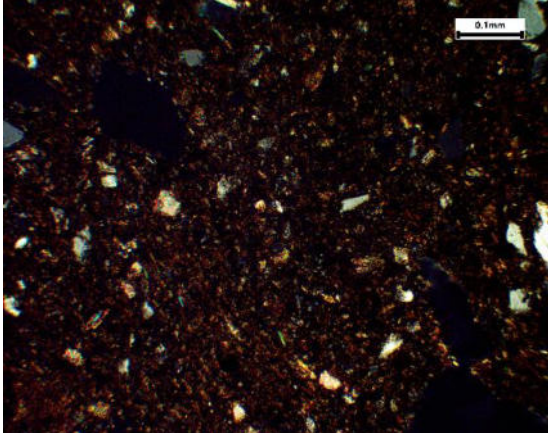
Fabric group: 4B; Coarse, Quartz-Feldspar and Granodiorite fragments - less porous and less inclusion frequency than Fabric group 4A	Site: Majiayao
Samples: CNP9.	
Description summary	
Poorly sorted fabric with 20% inclusion frequency and 20% coarse fraction. <u>Dominant coarse non-plastic inclusions:</u> • quartz (euhd, eq; ang – s-rnd; CSa-FGr) 37% • plagioclase feldspar (euhd, eq; ang – s-rnd; CSa-FGr) 33% • granitic rock fragments – combination of quartz, plagioclase feldspar with/without biotite and hornblende (eq, el; s-ang; CSa-FGr) 25% • biotite (lamellae; MSa-CSa) 5% <u>Fine fraction:</u> • quartz 60% • mica 40% <u>Matrix:</u> matrix abundance: 77%; homogeneous; micaceous; moderately active. <u>Porosity:</u> void abundance: 3%; macro vesicles and vughs. <u>Textural features / comments:</u> coarse but low porosity; less porous and less inclusion frequency than Fabric group 4A.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP9 	

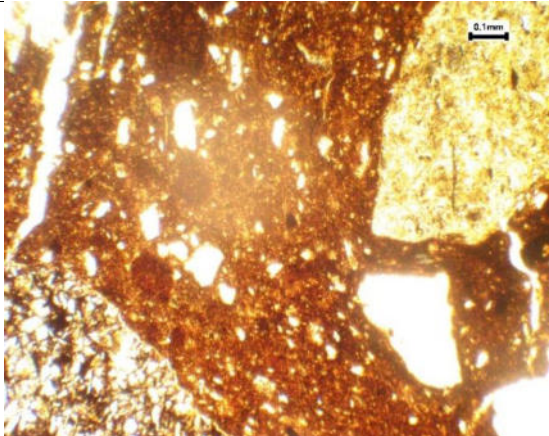
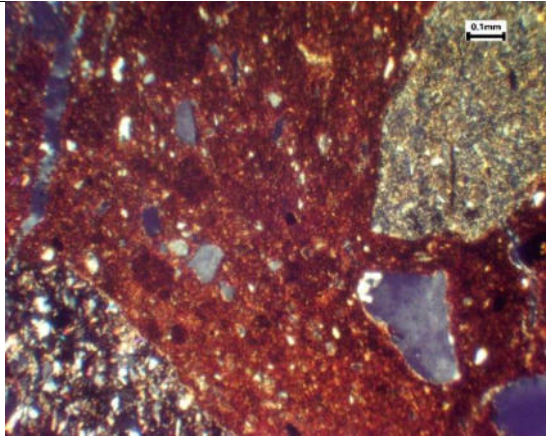
Fabric group: 4C; Coarse Quartz and Granodiorite fragments with clay pellets	Site: Majiayao
Samples: CNP35.	
Description	
Poorly sorted fabric with 10-15% inclusion frequency and 30% coarse fraction.	
<u>Dominant coarse non-plastic inclusions:</u>	
• quartz (eq, el; s-rnd; FSa-MSa) 59% • granitic/ metamorphic rock fragments – combination of quartz, plagioclase feldspar, biotite with/ without hornblende (eq; s-ang – s-rnd; CSa- FGr) 30% • plagioclase feldspar (eq, el; s-ang; FSa-CSa) 10% • biotite (lamellae, FSa-CSa) 1%	
<u>Fine fraction:</u>	
• quartz 90% • mica 10%	
<u>Matrix:</u> matrix abundance 75-80%; heterogeneous; micaceous; optically active.	
<u>Porosity:</u> void abundance 10%; mega/macro vughs and channels.	
<u>Textural features/ comments:</u> MSa-CSa clay pellets taking up >10% of the matrix.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP35	
	
	

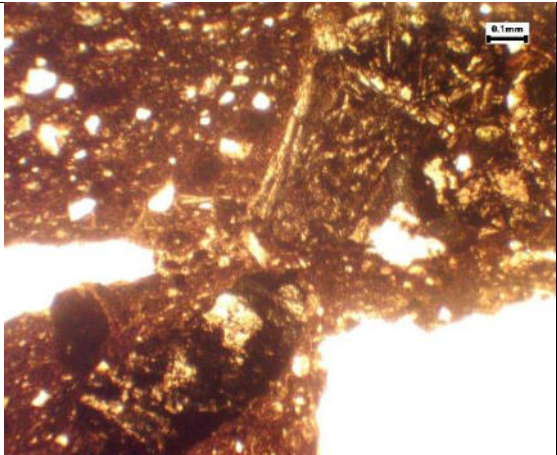
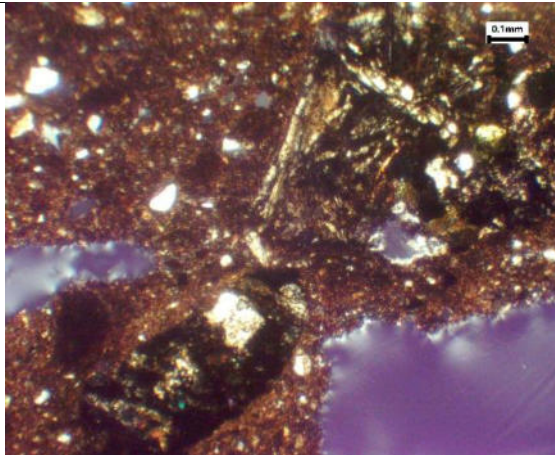
Fabric group: 5A; Coarse, Calcite and Quartz with Sedimentary rock fragments	Site: Majiayao
Samples: CNP14, 19, 21, 22, 26, 29, 71.	
Description	
Mostly poorly sorted fabric with an average 40% inclusion frequency and 35-40% average coarse fraction.	
<u>Dominant coarse non-plastic inclusions (average % for each type):</u>	
• quartz (euhd, eq, el; ang – rnd; FSa-FGr) 34% • micritic and/ or crystalline calcite (euhd, eq; ang; FSa-CSa) 28% • sedimentary rock fragments 18% ○ sandstone (eq el; s-ang – s-rnd; FSa-CSa) ○ siltstone (eq; s-rnd – rnd; MSa-FGr) • plagioclase/ microcline feldspar (eq; ang – s-rnd; FSa-CSa) 11%	
<u>Fine fraction (average % for each type):</u>	
• calcite/ micrite 42% • quartz 31% • mica 19% • feldspar 8%	
<u>Matrix:</u> average matrix abundance: 50-60%; homogeneous; micaceous; mostly optically active.	
<u>Porosity:</u>	
• average void abundance: 5% • average void type and size: macro/meso vughs, vesicles, channels	
<u>Textural features / comments:</u> this coarse fabric has less voids and cracks than Fabric group 4A.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP21	
	

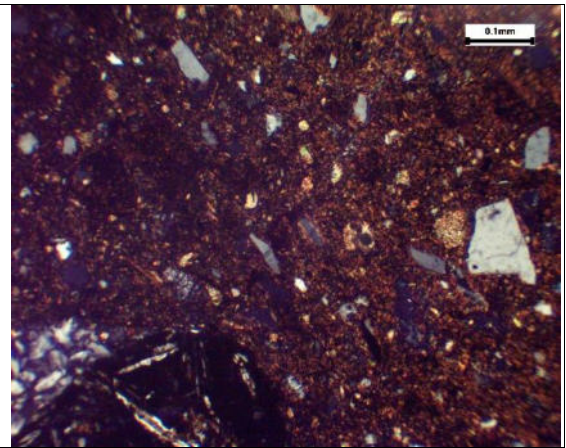
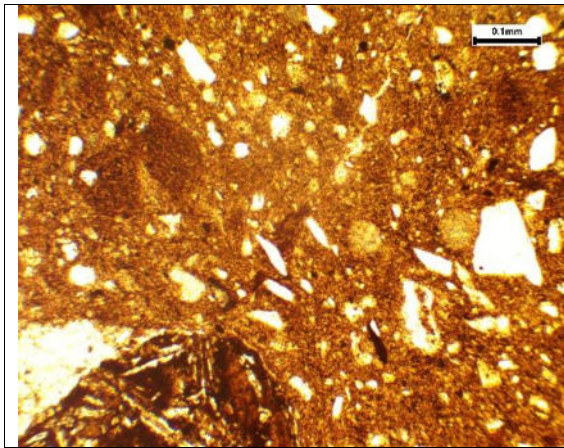
CNP26



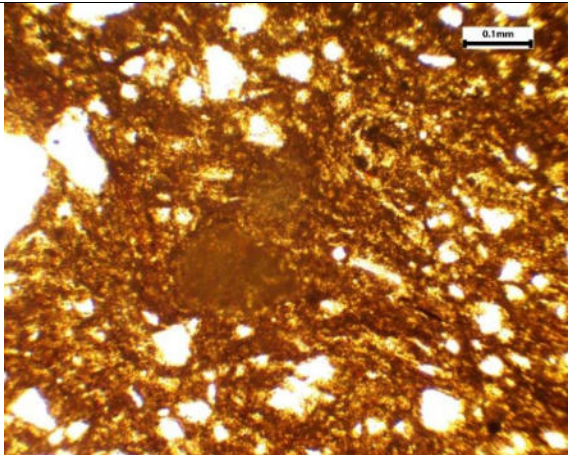
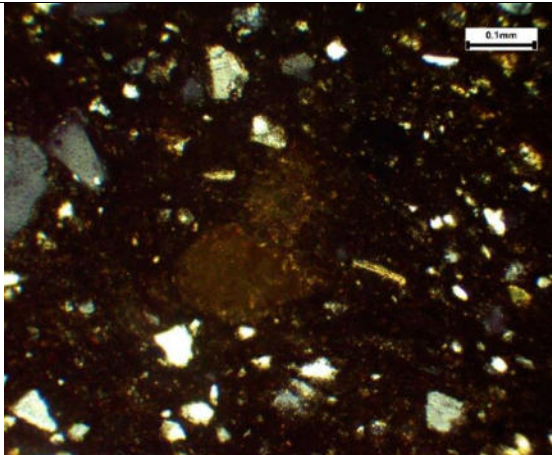
Fabric group: 5B; Coarse, Calcite and Quartz with Sedimentary rock fragments, less coarse fraction, and low porosity than Fabric group 5A	Site: Majiayao
Samples: CNP34.	
Description	
Poorly sorted fabric with 30% inclusion frequency and 15-20% coarse fraction. <u>Dominant coarse non-plastic inclusions:</u> • quartz (eq, el; s-ang – s-rnd; FSa-CSa) 39% • micritic and crystalline calcite (eq; rnd; MSa-CSa) 30% • sedimentary rock fragments – sandstone and siltstone (eq; s-rnd; CSa) 25% <u>Fine fraction:</u> • calcite 35% • quartz 30% • mica 30% • feldspar 5% <u>Matrix:</u> matrix abundance: 67%; homogeneous; micaceous; optically active. <u>Porosity:</u> void abundance: 3%; macro/meso vesicles <u>Textural features / comments:</u> coarse but low porosity; less coarse fraction and low porosity than Fabric group 5A.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP34	
	
	

Fabric group: 6A; Coarse, Quartz and Sedimentary rock fragments	Site: Majiayao
Samples: CNP10, 11.	
Description	
Poorly sorted fabric with average 20% inclusion frequency. CNP10 has 20% coarse fraction and CNP11 has 40-50% coarse fraction. <u>Dominant coarse non-plastic inclusions (average % for each type):</u> • quartz (euhd, eq, el; ang – s-rnd; FSa-MSa) 39% • sedimentary rock fragments – sandstone and siltstone (eq, el; s-rnd; CSa-FGr) 35% <u>Fine fraction (average % for each type):</u> • calcite 42.5% • quartz 27.5% • mica 27.5% • feldspar 2.5% <u>Matrix:</u> average matrix abundance: 70%; micaceous; CNP10 heterogeneous, CNP11 homogeneous; optically active. <u>Porosity:</u> • average void abundance: 5% • average void type and size: mega/macro planar voids, channels, vughs <u>Textural features/ comments:</u> CNP10 has FSa-CSa clay pellets taking up >10% of the matrix.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP10  	

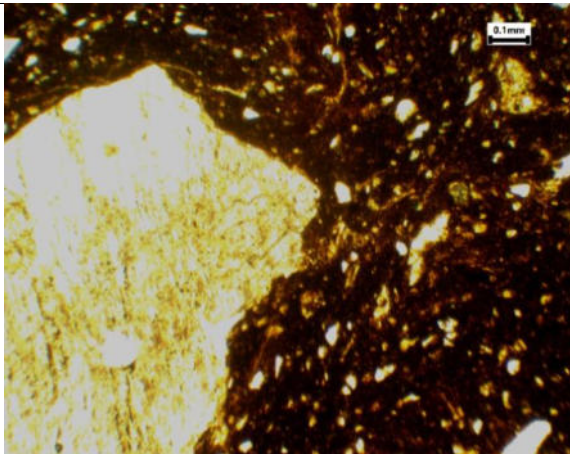
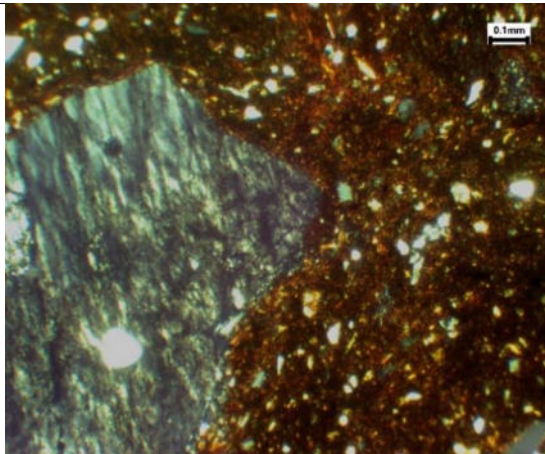
Fabric group: 6B; Coarse, Quartz and Sedimentary rock fragments with Volcanic rock fraction	Site: Majiayao
Samples: CNP13.	
Description	
Well sorted fabric with 30% inclusion frequency and 40% coarse fraction. <u>Dominant coarse non-plastic inclusions:</u> • quartz (euhd, eq, el; ang – s-rnd; FSa-FGr) 30% • sedimentary rock fragments – sandstone or conglomerate? lithic grains in opaque matrix (el; s-rnd; CSa), siltstone (el; s-rnd; CSa-FGr), chert (eq; ang; CSa) 30% • volcanic rock fragments – elongated quartz, feldspar and olivine (?) with/ without calcite in black opaque matrix (eq; s-rnd; CSa-FGr) 25% <u>Fine fraction:</u> • calcite 40% • quartz 30% • mica 20% • feldspar 10% <u>Matrix:</u> matrix abundance: 60%; micaceous; homogeneous; optically active. <u>Porosity:</u> void abundance: 10%; mega/macro channels – drying cracks or burned organic matter? <u>Textural features / comments:</u> FSa-CSa clay pellets taking up 5-10% of the matrix.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP13	
	

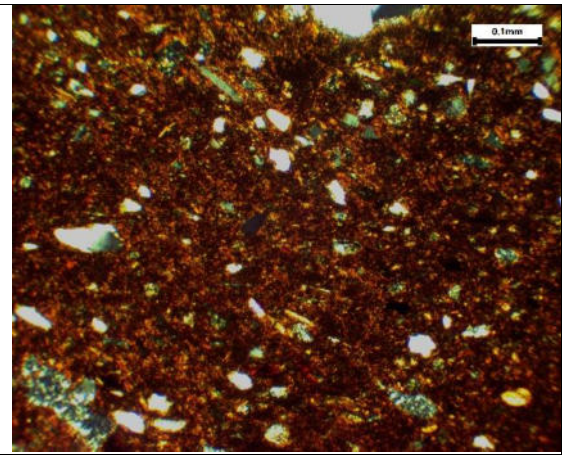
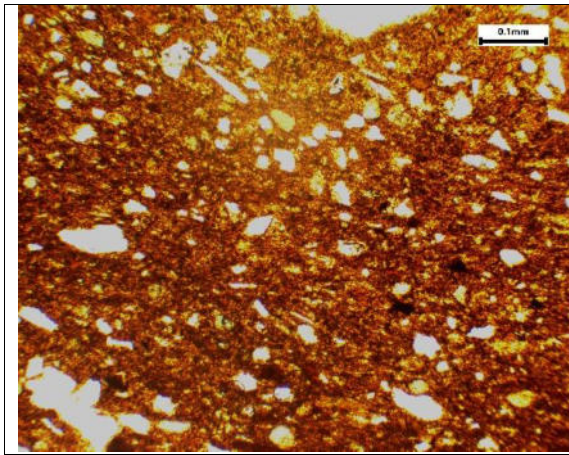


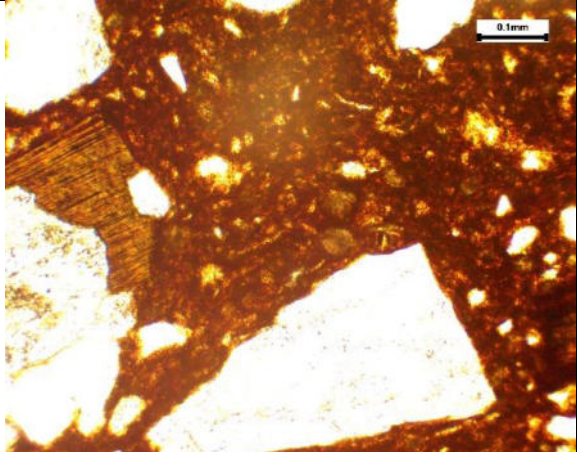
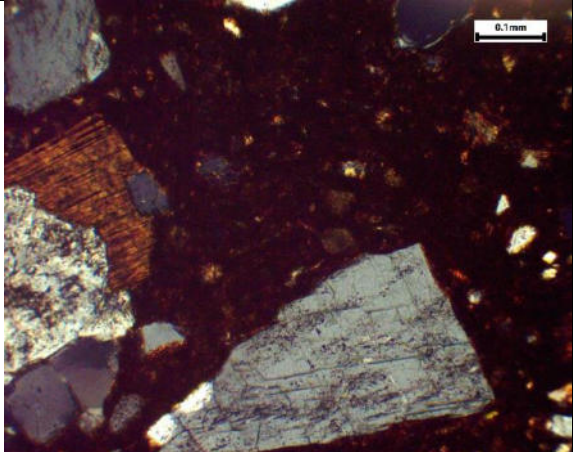
1.3 Semi-coarse fabrics

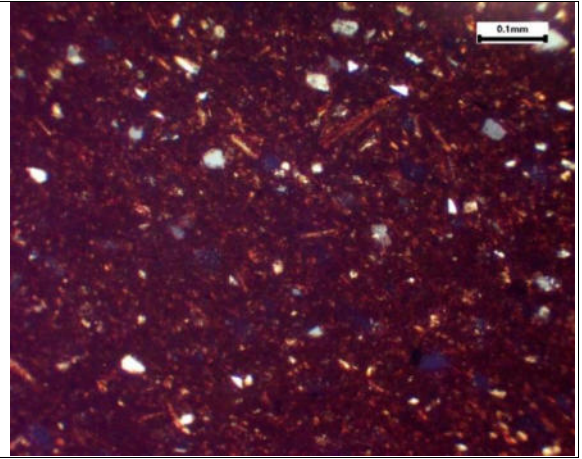
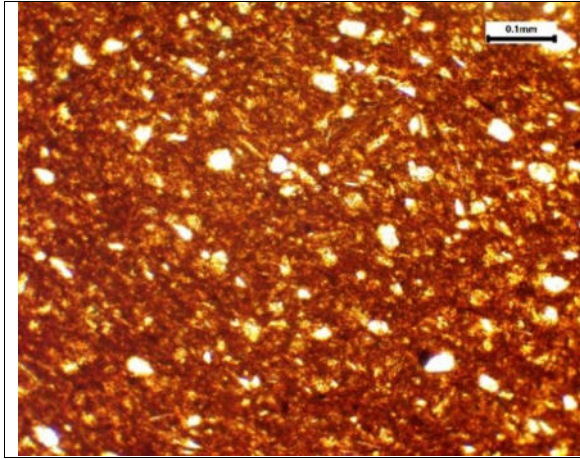
Fabric group: 7; Semi-coarse, Quartz dominant	Site: Majiayao
Samples: CNP1, 37, 58.	
Description	
Semi-coarse mostly poorly sorted fabric with 20-30% average inclusion frequency and 20% coarse fraction.	
<u>Dominant coarse non-plastic inclusions (average % for each type):</u>	
• quartz (eq, el; ang – s-rnd; FSa-CSa) 88% • micritic calcite (eq; ang – rnd; FSa-CSa) 8%	
<u>Fine fraction (average % for each type):</u>	
• quartz 48% • mica 43% • feldspar 8%	
<u>Matrix:</u> average matrix abundance: 65-75%; micaceous; mostly homogeneous; mostly moderate optical activity.	
<u>Porosity:</u>	
• average void abundance: 5% • average void type and size: macro/ meso channels, vesicles	
<u>Textural features/ comments:</u> it is unclear if the calcite inclusions are naturally present or post-depositional secondary accumulations.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP1	
	

1.4 Coarse-fine-combination fabrics

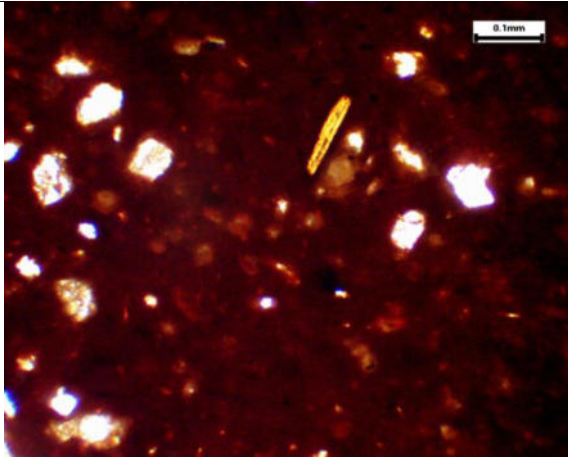
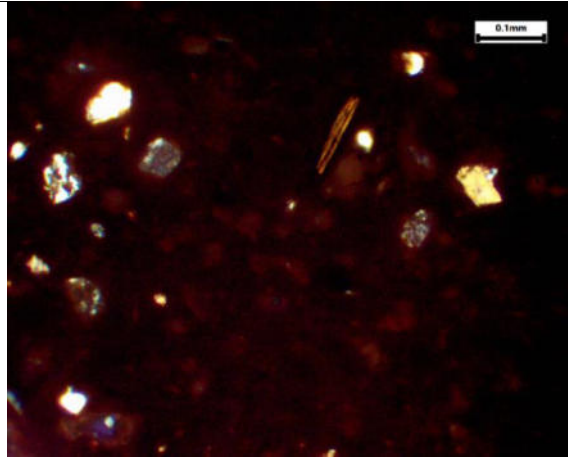
Fabric group: 4D; Coarse-fine combination fabric: coarse Quartz-Feldspar with Granodiorite fragments	Site: Majiayao
Samples: CNP36.	
Description	
This sherd combines fine and coarse fabrics. The overall inclusion frequency is 30-35% where the coarse fraction is 10% in the coarse part and 0% in the fine part. Coarse part is poorly sorted, fine part is well sorted. <u>Dominant coarse non-plastic inclusions:</u> • quartz and quartzite (eq, el; s-ang – s-rnd; CSa-FGr) 75% • plagioclase feldspar (eq; s-ang s-rnd; CSa) 20% • granitic rock fragments – combination of quartz, plagioclase feldspar, biotite (eq; s-ang; CSa-FGr) 5% <u>Fine fraction:</u> • quartz 55% • mica 40% • feldspar 5% <u>Matrix:</u> matrix abundance: 65%; micaceous; homogeneous; optically active. <u>Porosity:</u> void abundance: 1-3%; mega/macro vughs. <u>Textural features/ comments:</u> coarse and fine parts have the same groundmass.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP36  	

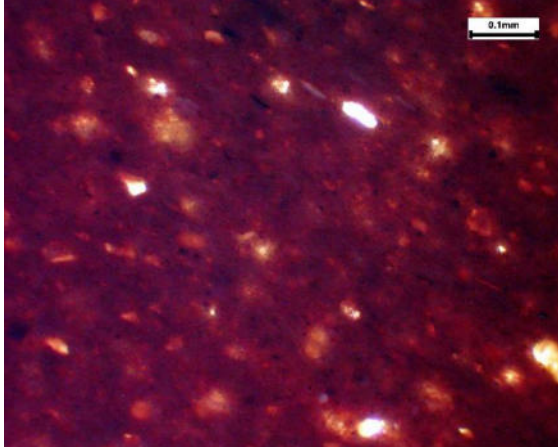
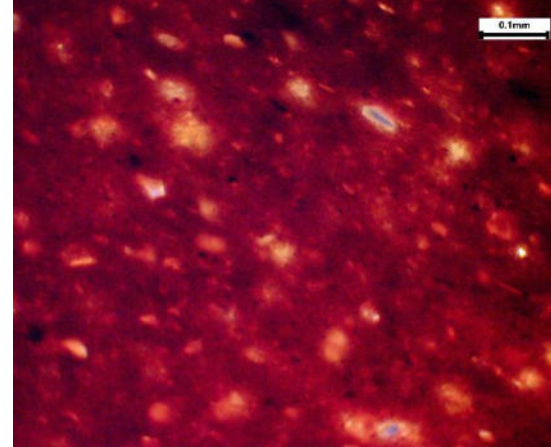


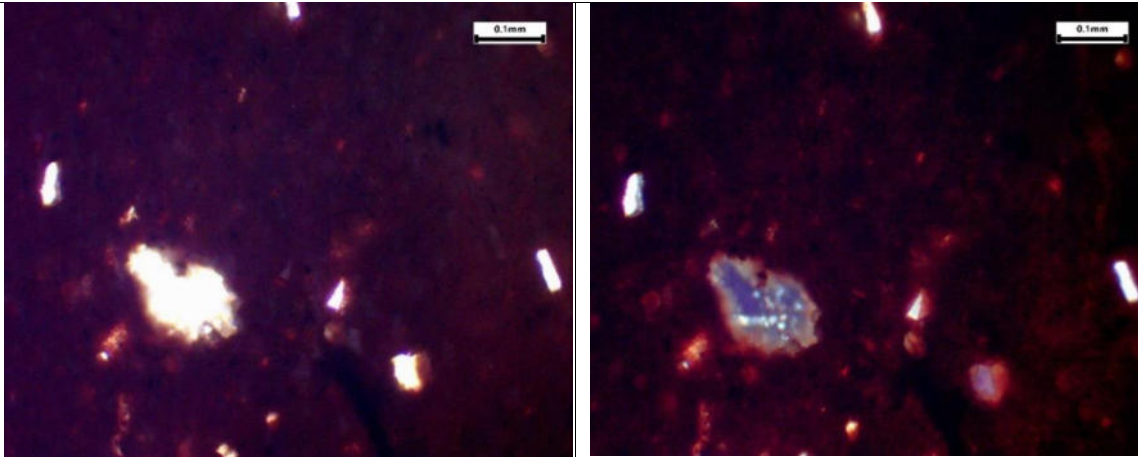
Fabric group: 4E; Coarse-fine combination fabric: coarse Granodiorite fragments with Quartz and Feldspar	Site: Majiayao
Samples: CNP16.	
Description	
This sherd combines fine and coarse fabrics. The overall inclusion frequency is 25% with 40% coarse fraction in the coarse fabric and 0% in the fine fabric. The coarse part is poorly sorted, fine part is well sorted.	
<u>Dominant coarse non-plastic inclusions:</u>	
- granitic rock fragments – combination of quartz, feldspar, biotite, hornblende (eq, el; ang – s-rnd; MSa-CSa) 38% - quartz (eq, el; ang – rnd; FSa-CSa) 25% - plagioclase feldspar (eq; s-ang; MSa-CSa) 20% - biotite (lamellae; MSa-CSa) 15%	
<u>Fine fraction:</u>	
- mica 50% - quartz 40% - feldspar 10%	
<u>Matrix:</u> matrix abundance: 40-50%; homogeneous; micaceous; moderate optical activity.	
<u>Porosity:</u> void abundance: 3-5%; macro/meso vughs, vesicles.	
<u>Textural features/ comments:</u> the join between the coarse and fine fabric is clearly visible in thin section; coarse and fine parts have the same groundmass; porosity is low despite large coarse inclusions.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP16  	



2 Waguanzui

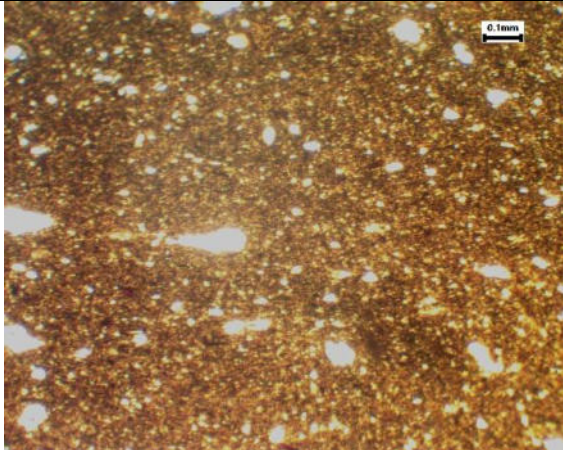
Fabric group: 1; Fine, Quartz-Mica-Feldspar	Site: Waguanzui
Samples: CNP72, 73, 74, 77, 78, 80.	
Description	
Well-sorted fabric with 10% average inclusion frequency with 0% coarse fraction.* <u>Dominant non-plastic inclusions (average % for each type):</u> • quartz 57% • mica 36% • feldspar 7% <u>Matrix:</u> average matrix abundance: 80%; micaceous; homogeneous; optically inactive. <u>Porosity:</u> • average void abundance: 5% • average void type and size: macro/ meso vesicles, vughs, channels <u>Textural features / comments:</u> none. *The thin-sections from the Waguanzui sherds are thicker than the standard 0.03 mm, so it is difficult to see the amount of inclusions and textural features like clay pellets, but all sherds seem to be highly fired.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP73	
	

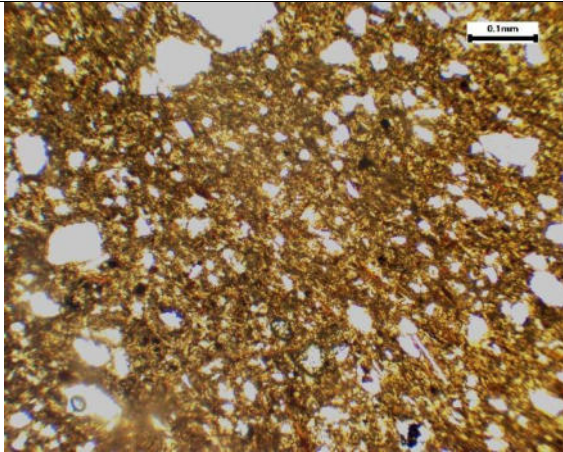
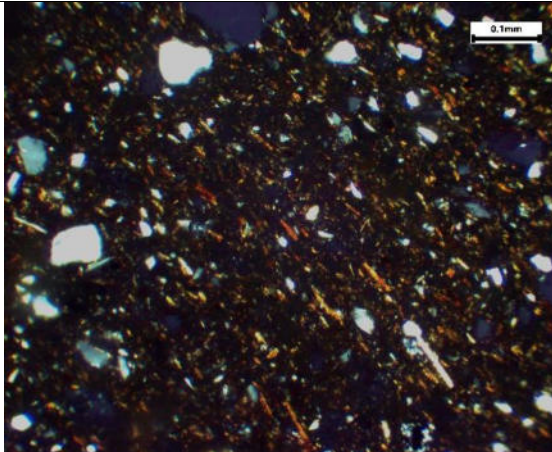
Fabric group: 2; Fine, Quartz dominant, inclusion frequency 1%	Site: Waguanzui
Samples: CNP76, 79.	
Description	
Well sorted fabric with 1% average inclusion frequency and 0% coarse fraction.* <u>Dominant non-plastic inclusions (average % for each type):</u> • quartz 80% • mica 20% <u>Matrix:</u> average matrix abundance: 90%; micaceous; homogeneous; optically inactive. <u>Porosity:</u> • average void abundance: 5-10% • average void type and size: meso vesicles; vughs, channels <u>Textural features / comments:</u> none. *The thin-sections from the Waguanzui sherds are thicker than the standard 0.03 mm, so it is difficult to see the amount of inclusions and textural features like clay pellets, but all sherds seem to be highly fired.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP79 (photomicrograph under XPL was taken with the open substage condenser to further illuminate the fabric)	
	

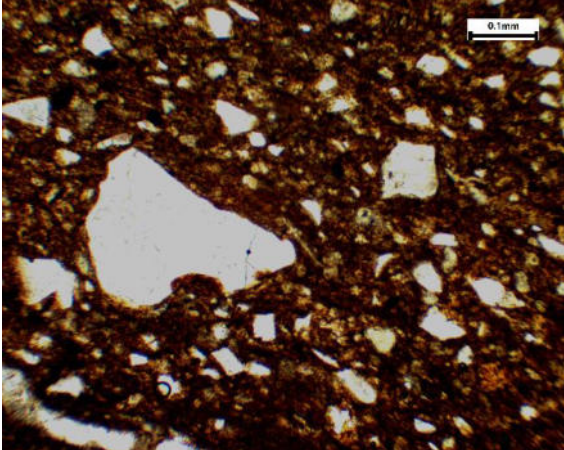
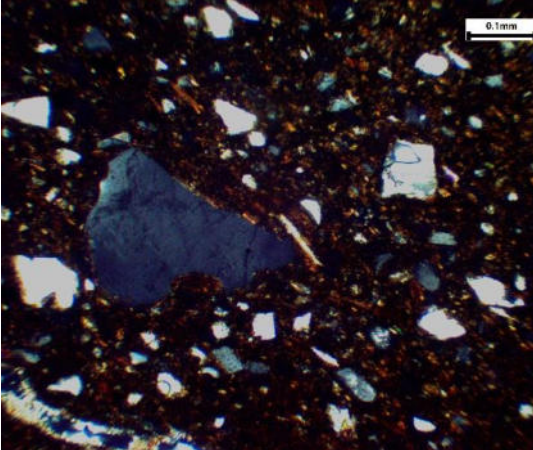
Fabric group: 3; Fine Quartz dominant	Site: Waguanzui
Samples: CNP75.	
Description	
Well sorted fabric with 5% inclusion frequency and with 0% coarse fraction.*	
<u>Dominant non-plastic inclusions:</u>	
• quartz 70% • mica 30%	
<u>Matrix:</u> matrix abundance: 90%; micaceous; homogeneous; optically inactive.	
<u>Porosity:</u> void abundance: 5%; macro/ meso vesicles, vughs, channels.	
<u>Textural features / comments:</u> none	
*The thin-sections from the Waguanzui sherds are thicker than the standard 0.03 mm, so it is difficult to see the amount of inclusions and textural features like clay pellets, but all sherds seem to be highly fired.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP75	
	

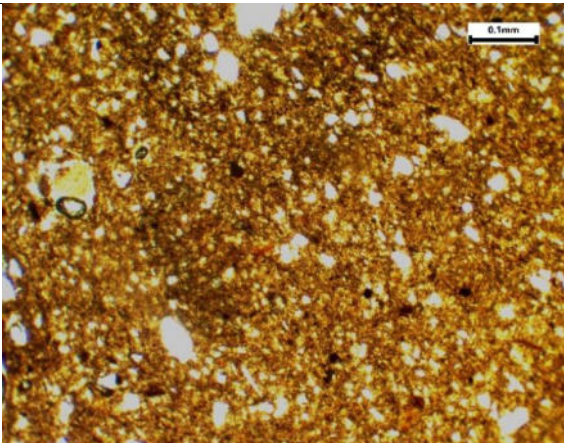
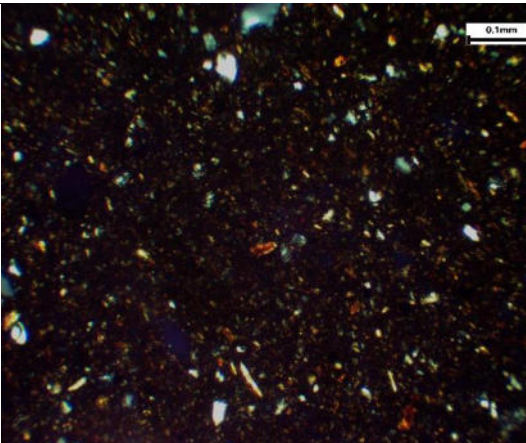
3 Zhujiashai

3.1 Fine fabrics

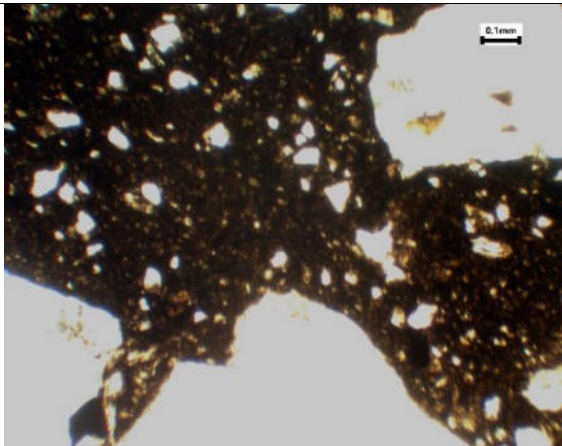
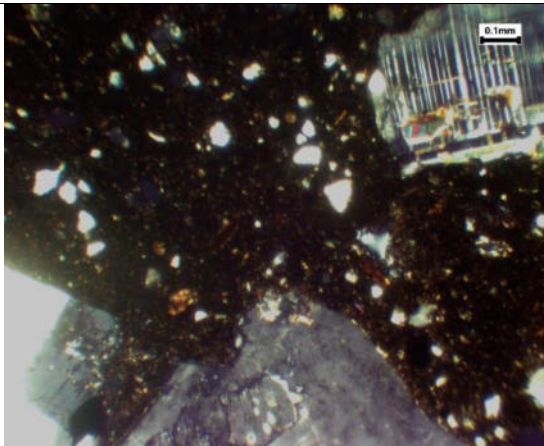
Fabric group: 1; Fine, Mica dominant, mineral inclusions are MSi-sized and smaller	Site: Zhujiashai
Samples: CNP114, 121.	
Description	
Well sorted fabric with 10% average inclusion frequency and 0% coarse fraction. <u>Dominant non-plastic inclusions (average % for each type):</u> • mica 75% • quartz 25% <u>Matrix:</u> average matrix abundance: 85-87%; micaceous; homogeneous; optically active. <u>Porosity:</u> • average void abundance: 3% • average void type and size: macro/ meso vughs and vesicles. <u>Textural features / comments:</u> mineral inclusions are MSi-sized and smaller.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP114	
	

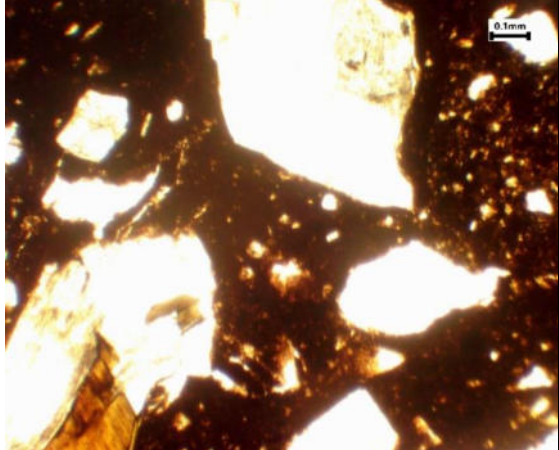
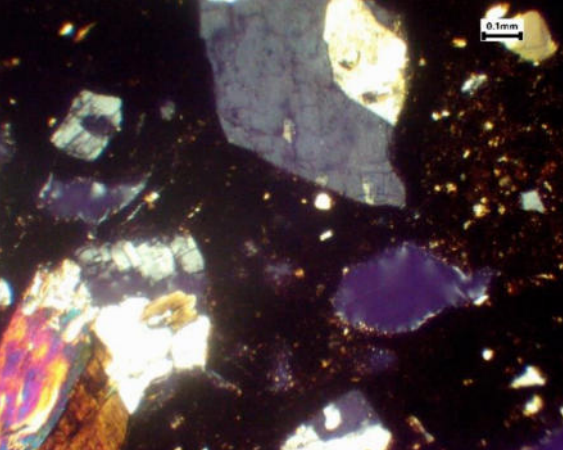
Fabric group: 2A; Fine, Mica-Quartz-Feldspar	Site: Zhujiashai
Samples: CNP95, 96, 97, 98, 99, 107, 117, 119, 120, 122, 123, 124, 184, 185, 186.	
Description	
This is a mostly well-sorted fabric with 20% average inclusion frequency with <1.5% coarse fraction.	
<u>Dominant non-plastic inclusions (average % for each type):</u>	
• mica 55% • quartz 38% • feldspar 4% • calcite 3%	
<u>Matrix:</u> average matrix abundance: 65-70%; micaceous; homogeneous; mostly optically active.	
<u>Porosity:</u>	
• average void abundance: 5% • average void type and size: macro/ meso vughs and vesicles.	
<u>Textural features / comments:</u> none.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP117	
	

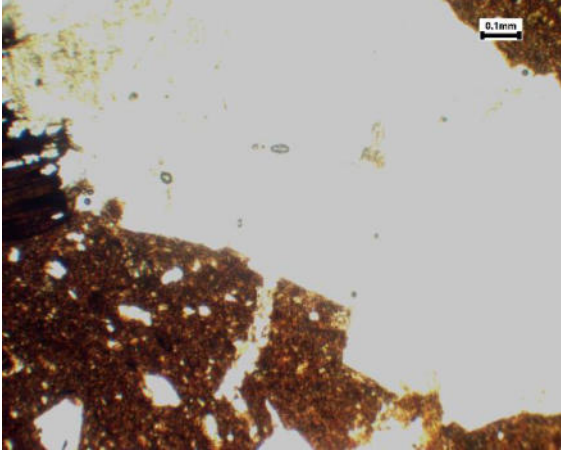
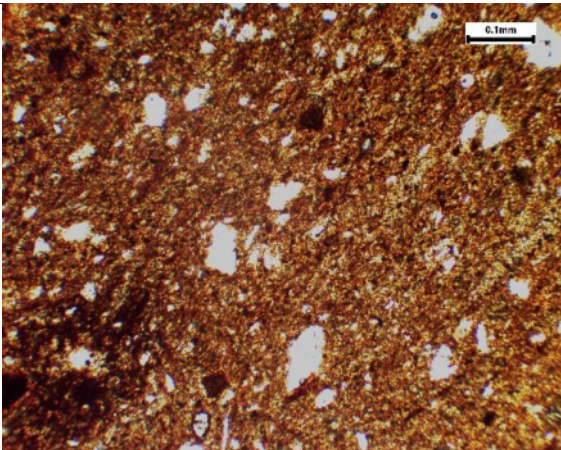
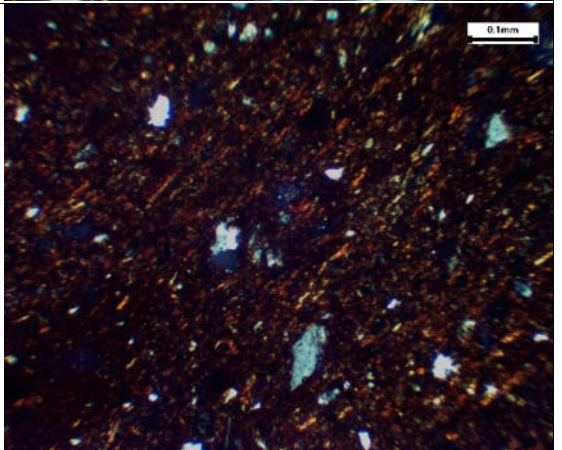
Fabric group: 2B; Fine, Mica-Quartz-Feldspar, higher inclusion frequency and coarse fraction than Fabric group 2A	Site: Zhujiashai
Samples: CNP100.	
Description	
Moderately sorted fabric with 30% inclusion frequency and 5-10% coarse fraction. <u>Dominant coarse aplastic inclusions:</u> • quartz (eq, el; ang – s-rnd; FSa-MSa) 84.5% • ortho-(?)/plagioclase, microcline feldspar (eq; ang – s-rnd; FSa-MSa) 15% <u>Fine fraction:</u> • mica 50% • quartz 40% • calcite 5% • feldspar 5% <u>Matrix:</u> matrix abundance: 60-65%; micaceous; homogeneous; optically active. <u>Porosity:</u> void abundance 5-10%; mega planar voids, macro/meso vughs. <u>Textural features / comments:</u> accumulations of secondary calcite on margins; not sure if the mega planar voids are the result from cutting the sherd or if they were originally there because of the accumulations of secondary calcite in them; higher inclusion frequency and coarse fraction than Fabric group 2A.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP100	
	

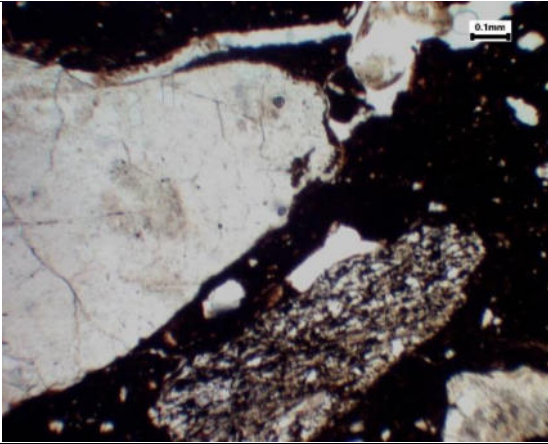
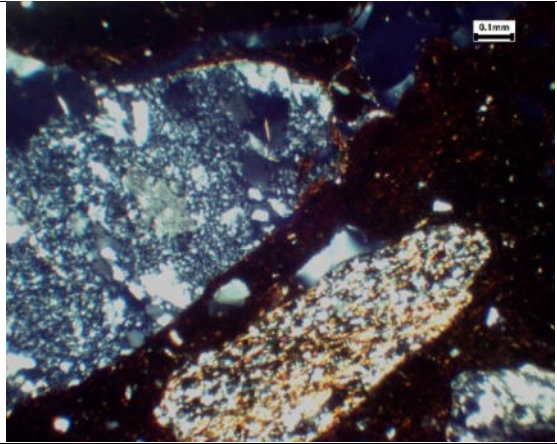
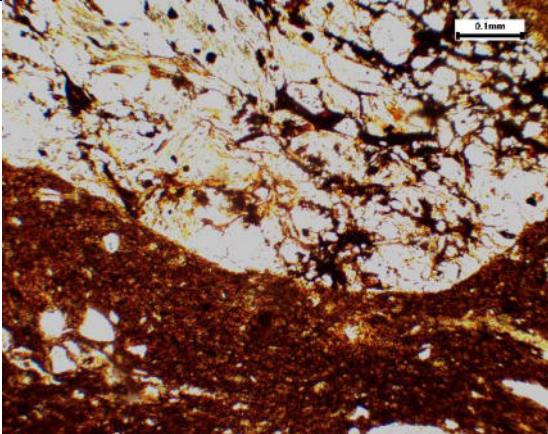
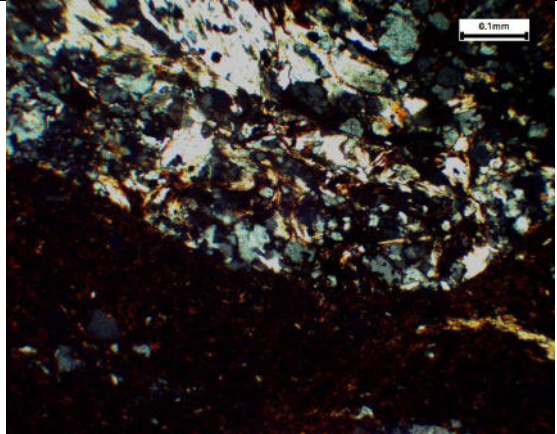
Fabric group: 3A; Fine, Mica-Quartz-Feldspar, less inclusion frequency than Fabric group 2A	Site: Zhujiashai
Samples: CNP108, 112, 116, 118, 125.	
Description	
Mostly well sorted fabric with 15% average inclusion frequency with 0% coarse fraction.	
<u>Dominant non-plastic inclusions (average % for each type):</u>	
• mica 55% • quartz 25% • feldspar 4%	
<u>Matrix:</u> average matrix abundance: 75-80%; micaceous; homogeneous; mostly optically active.	
<u>Porosity:</u>	
• average void abundance: 3% • average void type and size: macro/ meso vughs and vesicles.	
<u>Textural features / comments:</u> no coarse fraction, and less inclusion frequency than Fabric group 2A.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP116	
	

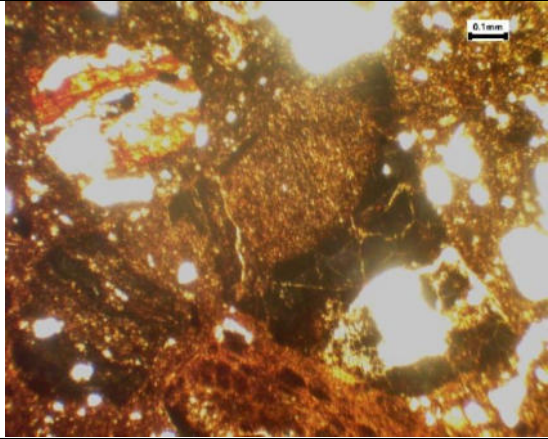
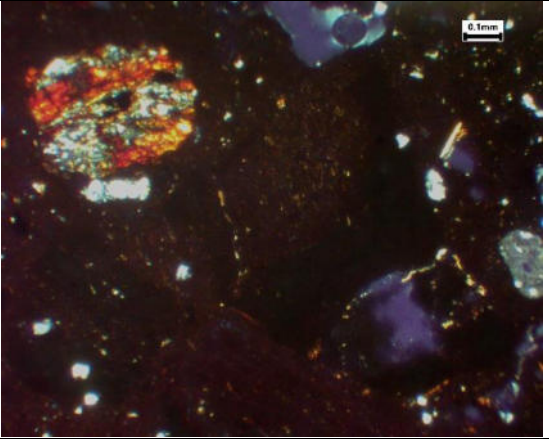
3.2 Coarse fabrics

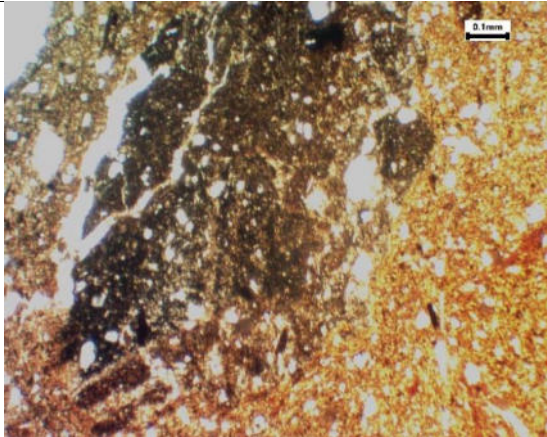
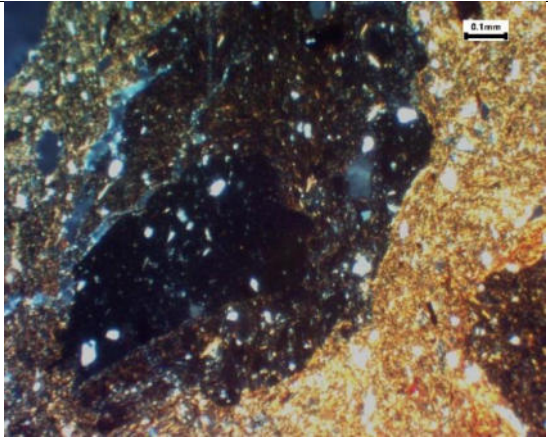
Fabric group: 4A; Coarse, Quartz-Feldspar and Granodiorite fragments	Site: Zhujiashai
Samples: CNP86, 103, 126.	
Description	
Mostly poorly sorted fabric with 25% average inclusion frequency with 20% average coarse fraction.	
<u>Dominant coarse non-plastic inclusions (average % for each type):</u>	
• quartz (eq, el; s-ang – s-rnd; FSa-FGr) 43% • plagioclase/ microcline feldspar (eq; s-ang – s-rnd; FSa-CSa) 32% • granitic rock fragments – combination of quartz, plagioclase/ microcline feldspar and biotite and/ or muscovite (eq; ang – s-ang; FSa-CSa) 22%	
<u>Fine fraction:</u>	
• quartz 65% • mica 33% • feldspar 2%	
<u>Matrix:</u> average matrix abundance: 65-70%; micaceous; homogeneous; mostly optically active.	
<u>Porosity:</u>	
• average void abundance: 3% • average void type and size: macro/ meso vughs, channels	
<u>Textural features / comments:</u> none.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP103	
	

Fabric group: 4B; Coarse, Quartz-Feldspar-Granodiorite fragments, lower inclusion frequency than Fabric group 4A	Site: Zhujiashai
Samples: CNP82, 83, 85, 87, 88, 127.	
Description	
Mostly poorly sorted fabric with 20% average inclusion frequency and 40% average coarse fraction.	
<u>Dominant coarse non-plastic inclusions (average % for each type):</u>	
• quartz (eq, el; ang – s-rnd; CSa-FGr) 45% • plagioclase/ microcline feldspar (eq, el; ang – s-ang; FSa-CSa) 29% • granitic rock fragments – combination of quartz, plagioclase/ microcline feldspar, biotite and/ or muscovite (eq, el; ang – s-rnd; CSa-FGr) 23% • biotite/ muscovite (lamellae; MSa-CSa) 6%	
<u>Fine fraction (average % for every type):</u>	
• quartz 63% • mica 36.5% • feldspar 0.5%	
<u>Matrix:</u> average matrix abundance: 70%; micaceous; homogeneous; mostly optically active.	
<u>Porosity:</u>	
• average void abundance: 5-10% • average void type and size: macro/ meso channels, vughs	
<u>Textural features / comments:</u> lower inclusion frequency than Fabric group 4A; the fine fraction content is lower than in Fabric groups 4A and 4C.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP87	
	

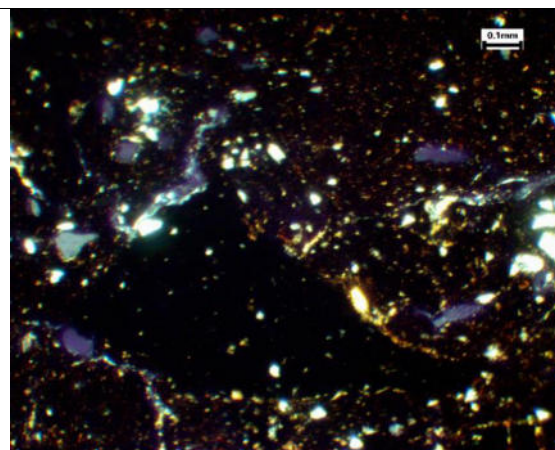
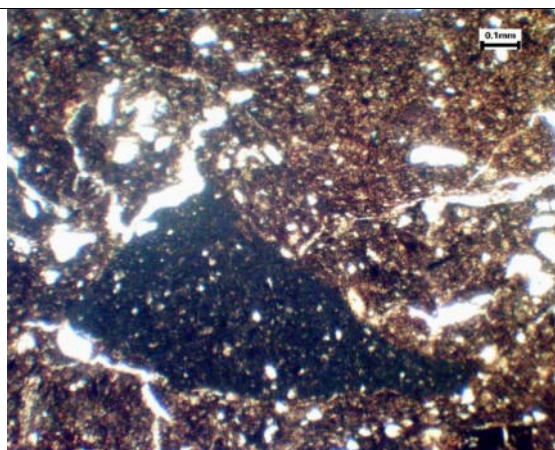
Fabric group: 4C; Coarse, Quartz-Granodiorite fragments	Site: Zhujiashai
Samples: CNP105.	
Description	
Poorly sorted fabric with 30% inclusion frequency and 30% coarse fraction. <u>Dominant coarse non-plastic inclusions:</u> • quartz (eq, el; ang – rnd; FSa-MSa) 55% • granitic rock fragments – combination of quartz, plagioclase/ microcline feldspar, biotite, muscovite (eq, el; s-ang; CSa-FGr) 40% • (ortho-?)/ plagioclase feldspar (eq; ang; FSa) 5% <u>Fine fraction:</u> • mica 55% • quartz 40% • feldspar 1-5% <u>Matrix:</u> matrix abundance: 65-70%; micaceous; homogeneous; optically active. <u>Porosity:</u> void abundance: 1-3%; macro/ meso vughs, channels, vesicles. <u>Textural features / comments:</u> FSa-MSa clay pellets taking up 3-5% of the matrix; coarse but low porosity, higher mica content than in Fabric groups 4A and 4B.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP105	
	
	

Fabric group: 5A; Coarse, Quartz and Metamorphic rock fragments	Site: Zhujiashai
Samples: CNP101, 106.	
Description	
Poorly sorted fabric with 20% average inclusion frequency and 10-15% average coarse fraction.	
<u>Dominant coarse non-plastic inclusions (average % for each type):</u>	
- quartz (eq, el; ang – rnd; FSa-CSa) 45% - metamorphic rock fragments – quartz mica schist (eq, el; s-ang – s-rnd; MSa-CSa) 43.5%	
<u>Fine fraction (average % for each type):</u>	
- mica 65% - quartz 35%	
<u>Matrix:</u> average matrix abundance: 77-79%; homogeneous; micaceous; optically active.	
<u>Porosity:</u>	
- average void abundance: 1-3% - average void type and size: macro vughs	
<u>Textural features / comments:</u> FSa-CSa clay pellets taking up 1-3% of the matrix.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP101	
	
CNP106	
	

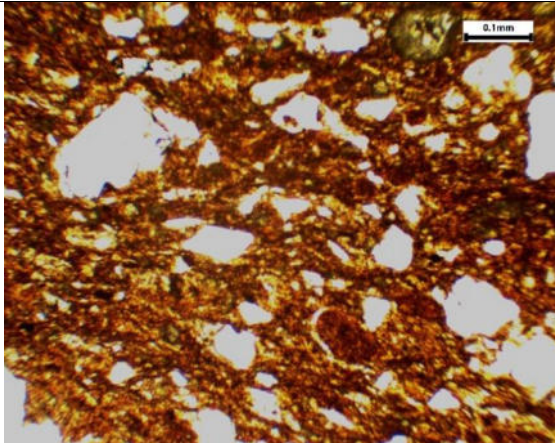
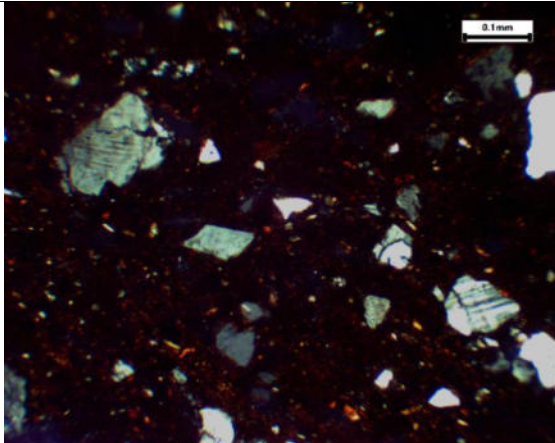
Fabric group: 5B; Coarse Quartz, Metamorphic and Sedimentary rock fragments	Site: Zhujiashai
Samples: CNP183.	
Description	
Poorly sorted fabric with 20% inclusion frequency and 40% coarse fraction. <u>Dominant coarse non-plastic inclusions:</u> - quartz (eq, el; s-ang – rnd; FSa-MSa) 47% - grey overfired mudstone(?) (eq; el; s-rnd – rnd; MSa-CSa) 30% - metamorphic rock fragments – quartz mica schist (eq, el; ang – s-rnd; MSa) 11% - sandstone (eq; s-ang; MSa) 10% <u>Fine fraction:</u> - mica 60% - quartz 35% - feldspar 5% <u>Matrix:</u> matrix abundance: 65%; micaceous; heterogeneous(?); optically inactive. <u>Porosity:</u> void abundance: 15%; mega/macro/meso channels, macro/meso vughs and vesicles. <u>Textural features / comments:</u> unclear if grey overfired mudstone inclusions are indeed vitrified mudstone or different clay material.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP183	
	

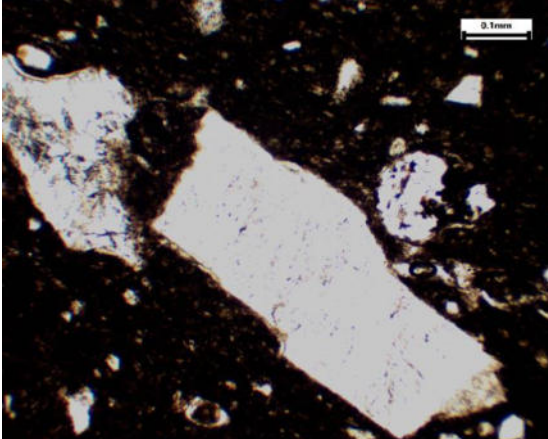
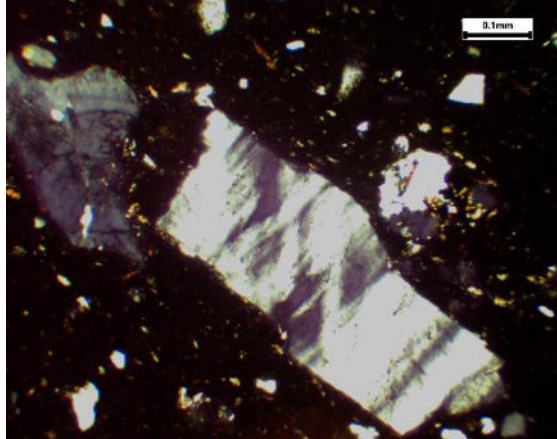
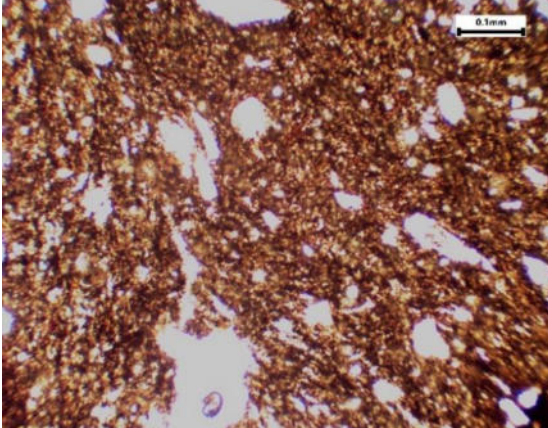
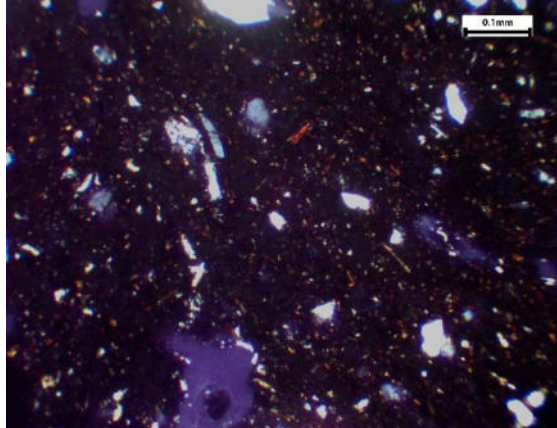
Fabric group: 6; Coarse, Grog	Site: Zhujiashai
Samples: CNP84, 89, 90, 91, 104, 182.	
Description	
Mostly poorly sorted fabric with 20-25% average inclusion frequency and 30% average coarse fraction.	
<u>Dominant coarse non-plastic inclusions (average % for each type):</u>	
• grog (eq, el; ang – s-rnd; MSa-FGr) 55% • quartz (eq, el; ang – s-rnd; FSa-MSa) 36%	
<u>Fine fraction (average % for each type):</u>	
• mica 48% • quartz 41.5% • feldspar 3% • calcite 7.5%	
<u>Matrix:</u> average matrix abundance 73%; micaceous; CNP89, 90, 104 homogeneous; CNP84, 91, 182 heterogeneous; optical activity: CNP84, 104 active; CNP89, 90, 91 moderate; CNP182 inactive.	
<u>Porosity:</u>	
• average void abundance 4% • average void type and size: macro/ meso vughs and channels	
<u>Textural features / comments:</u> CNP84 possibly has grog-in-grog inclusions; CNP90 has optically active grog inclusions which are difficult to distinguish from the groundmass; CNP90 and CNP91 appear to have dispersed secondary calcite.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP84	
	

CNP90



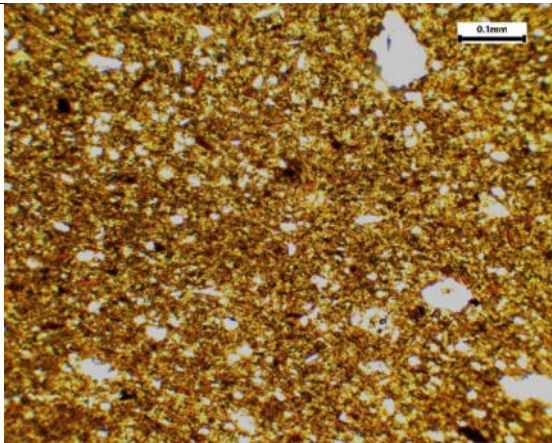
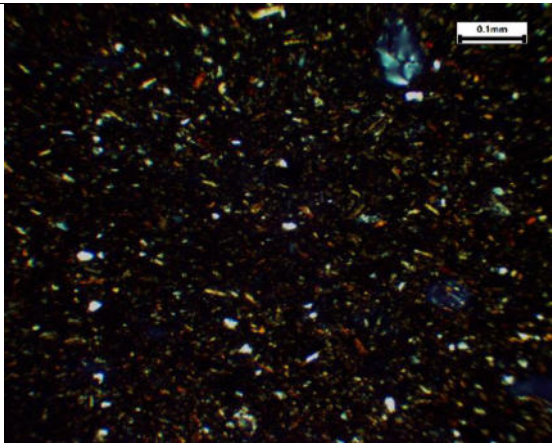
3.3 Semi-coarse fabrics

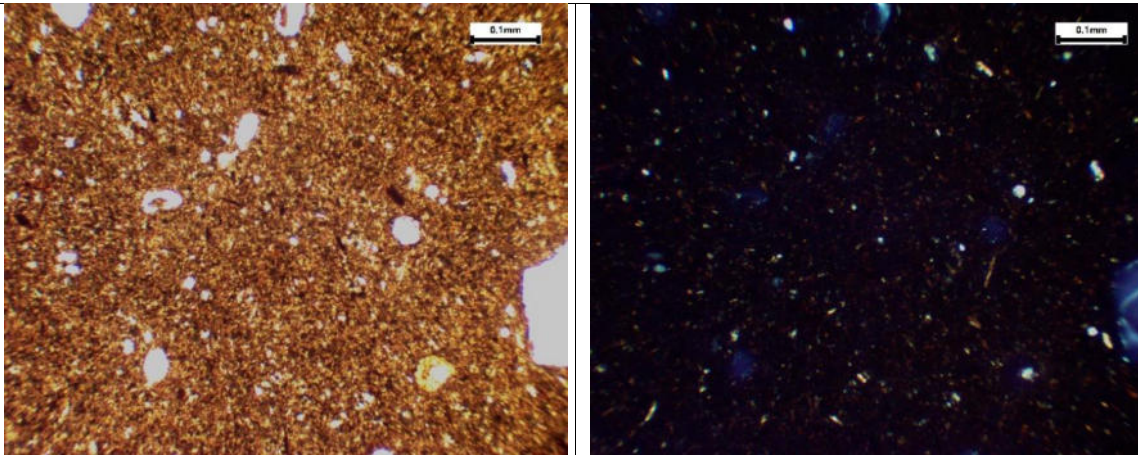
Fabric group: 3B; Semi-coarse Quartz and Feldspar fragments, groundmass similar to Fabric group 3A	Site: Zhujiashai
Samples: CNP111.	
Description	
Poorly sorted fabric with 20% inclusion frequency and 30% coarse fraction. <u>Dominant coarse non-plastic inclusions:</u> • quartz (eq, el; ang – s-rnd; FSa-MSa) 70% • feldspar (eq; s-ang; FSa-MSa) 30% <u>Fine fraction:</u> • mica 70% • quartz 29% • feldspar <1% <u>Matrix:</u> matrix abundance: 70-75%; micaceous; heterogeneous; moderate optical activity. <u>Porosity:</u> void abundance: 5-10%; macro/ meso vughs and channels, meso vesicles. <u>Textural features / comments:</u> FSa-FGr clay pellets taking up >10% of the matrix; groundmass similar to Fabric group 3A.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP111	
	

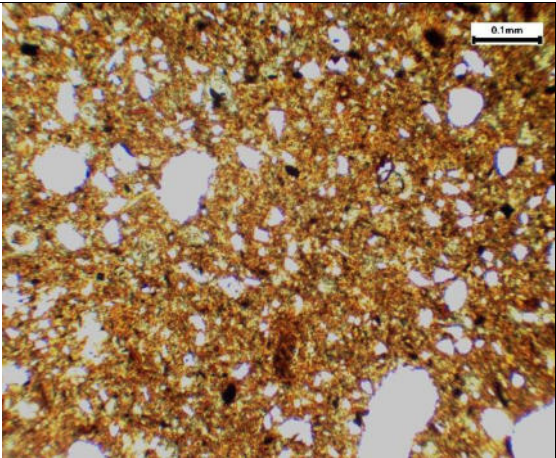
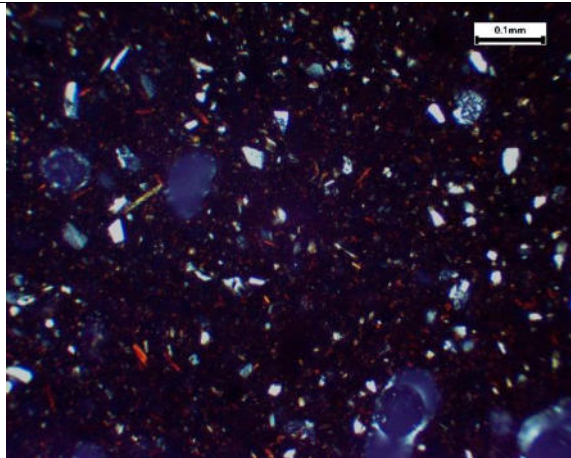
Fabric group: 4D; Semi-coarse, Quartz-Feldspar with few Granodiorite rock fragments	Site: Zhujiashai
Samples: CNP110.	
Description	
Poorly sorted fabric with 25% inclusion frequency and with 20% coarse fraction.	
<u>Dominant coarse non-plastic inclusions:</u>	
- quartz (eq, el; ang – rnd; CSa) 55% - plagioclase feldspar (eq; ang – s-ang; CSa-FSa) 40% - granitic rock fragments - quartz, plagioclase, biotite (eq; s-rnd; MSa) 5%	
<u>Fine fraction:</u>	
- mica 60% - quartz 40%	
<u>Matrix:</u> matrix abundance: 75-80%; micaceous; homogeneous; moderate optical activity.	
<u>Porosity:</u> void abundance: 3%; macro/ meso channels.	
<u>Textural features / comments:</u> channel voids are aligned parallel to the long edge of the sample.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP110	
	
	

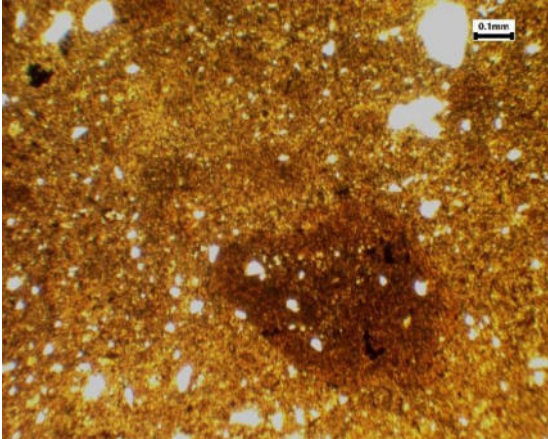
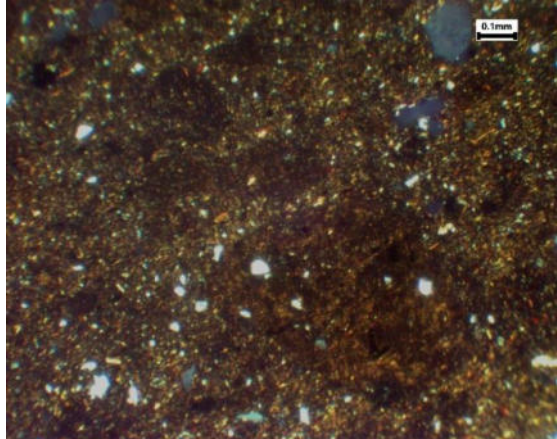
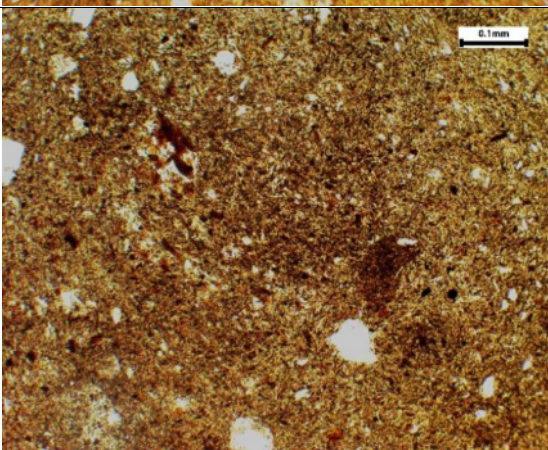
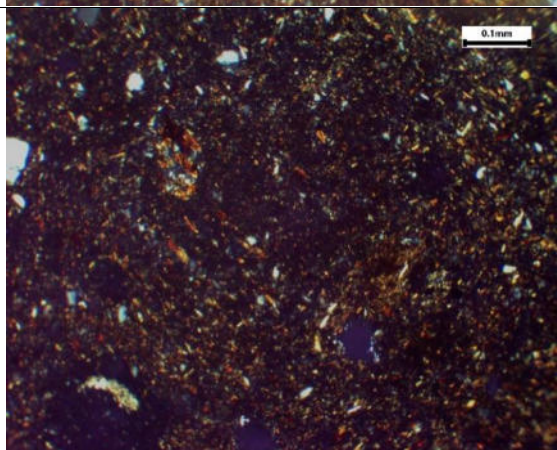
4 Luohantang

4.1 Fine fabrics

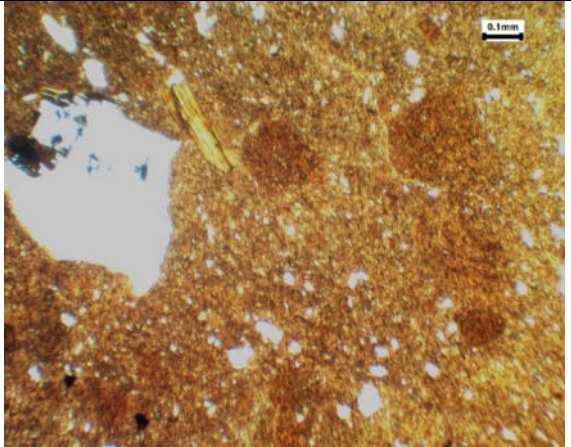
Fabric group: 1A; Fine, Mica-Quartz-Feldspar	Site: Luohantang
Samples: CNP128, 132, 133, 134, 135, 141, 147, 148, 151, 152, 153, 154, 168.	
Description	
Well-sorted fabric with 20% average inclusion frequency and <0.1% average coarse fraction. <u>Dominant non-plastic inclusions (average % for each type):</u> • mica 50% • quartz 45% • feldspar 5% <u>Matrix:</u> average matrix abundance: 70-77%; micaceous; mostly homogeneous; mostly optically active. <u>Porosity:</u> • average void abundance: 3% • average void type and size: macro/meso, vughs, vesicles, channels <u>Textural features / comments:</u> CNP168 is overfired and highly porous (10-15% voids).	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP133	
	

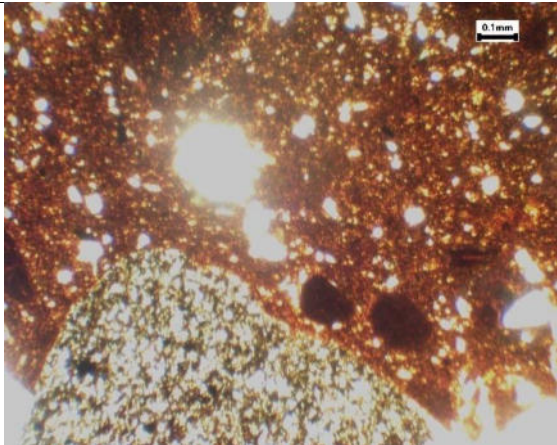
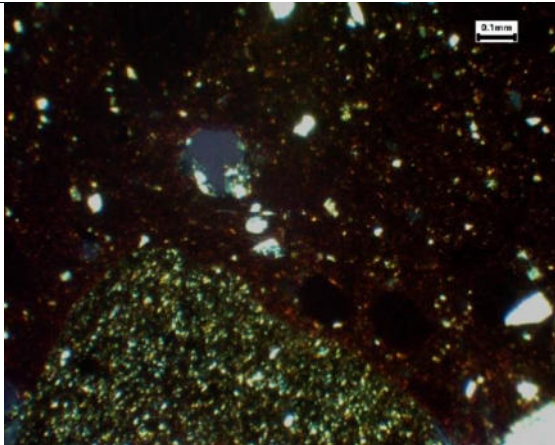
Fabric group: 1B; Fine, Mica-Quartz, inclusions MSi-sized and smaller	Site: Luohantang
Samples: CNP131, 139, 140, 144, 146, 149, 150, 180.	
Description	
Well sorted fabric with 10% average inclusion frequency and 0.01% average coarse fraction.	
<u>Dominant non-plastic inclusions (average % for each type):</u>	
• mica 64% • quartz 34%	
<u>Matrix:</u> average matrix abundance: 85%; micaceous; mostly homogeneous; mostly optically active.	
<u>Porosity:</u>	
• average void abundance: 5% • average void type and size: macro/ meso vughs, vesicles	
<u>Textural features / comments:</u> mineral inclusions MSi-sized and smaller.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP140	
	

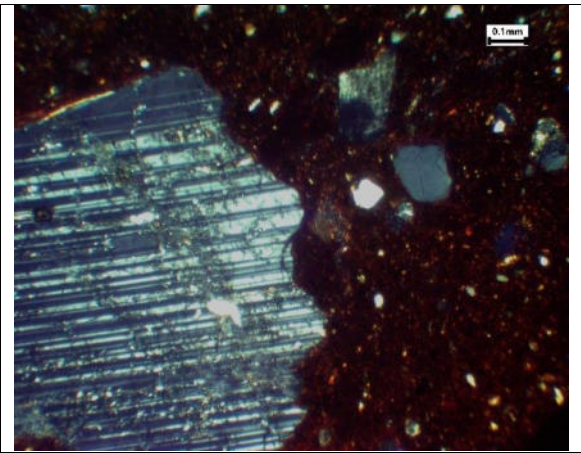
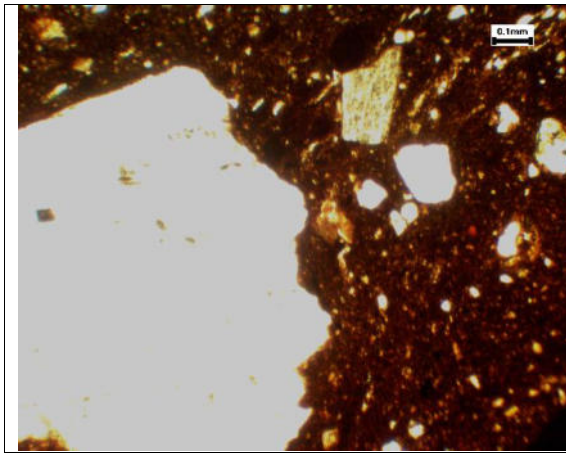
Fabric group: 1C; Fine, Quartz-Mica	Site: Luohantang
Samples: CNP129, 136.	
Description	
CNP129 moderately sorted, CNP136 well-sorted. This fabric has 20% average inclusion frequency with 3% average coarse fraction.	
<u>Dominant coarse non-plastic inclusions (average % for each type):</u>	
• quartz (eq, el; ang – s-rnd; FSa-CSa) 97% • plagioclase feldspar (eq; ang; FSa-MSa) 3%	
<u>Fine fraction (average % for each type):</u>	
• quartz 50% • mica 47% • feldspar 3%	
<u>Matrix:</u> average matrix abundance: 70%; micaceous; homogeneous; mostly optically active.	
<u>Porosity:</u>	
• average void abundance: 5-10% • average void type and size: macro/ meso vughs and vesicles.	
<u>Textural features / comments:</u> none.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP129	
	

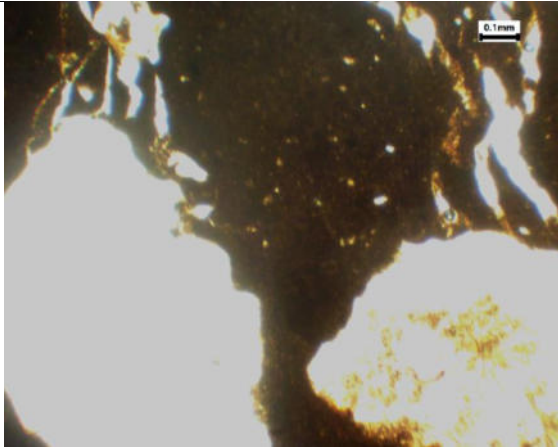
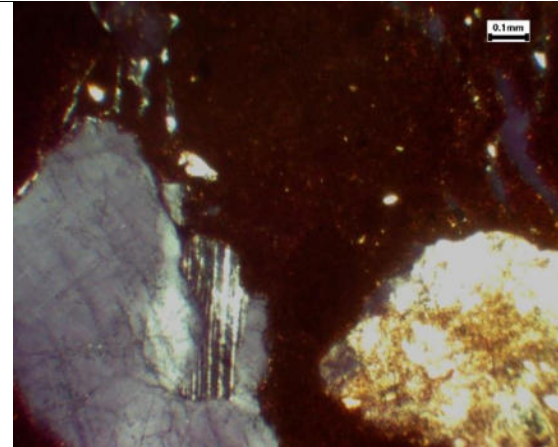
Fabric group: 2B; Fine, Mica-Quartz-Feldspar with clay pellets, possibly the same groundmass as in Fabric group 2A	Site: Luohantang
Samples: CNP173.	
Description	
Moderately sorted fabric with 10% inclusion frequency and 1% coarse fraction.	
<u>Dominant non-plastic inclusions:</u>	
• mica 55% • quartz 40% • feldspar 5%	
<u>Matrix:</u> matrix abundance: 85%; micaceous; heterogeneous; optically active.	
<u>Porosity:</u> void abundance: 5%; few mega vughs, macro/ meso vughs and vesicles.	
<u>Textural features / comments:</u> MSa-FGr clay pellets taking up >10% of the matrix; possibly the same groundmass as in Fabric group 2A.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP173	
	
	

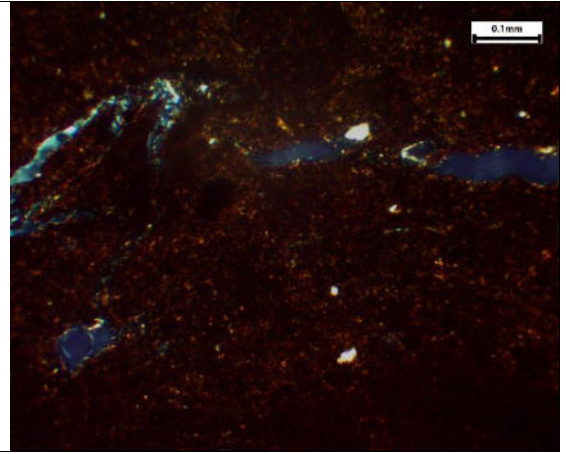
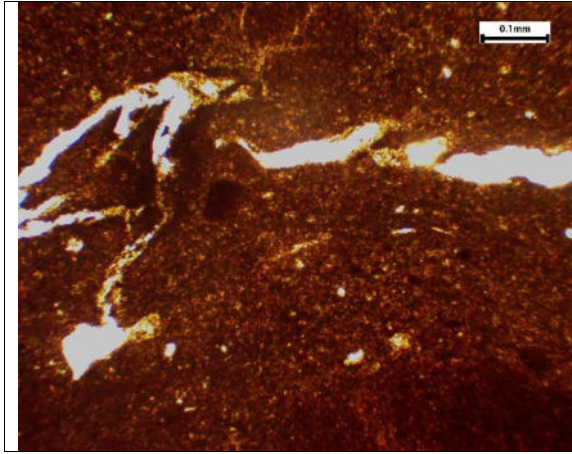
4.2 Coarse fabrics

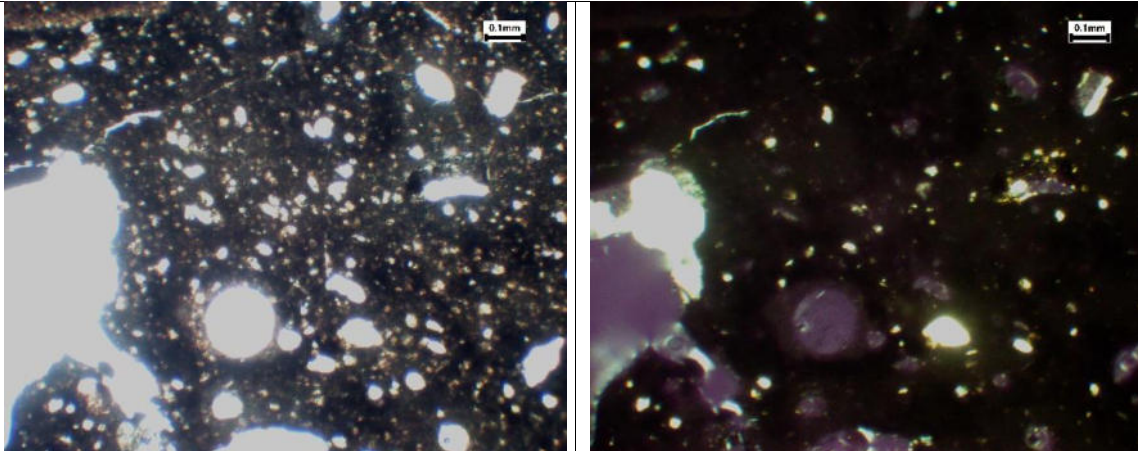
Fabric group: 2A; Coarse, Quartz-Feldspar-Biotite and Granodiorite fragments with large clay pellets	Site: Luohantang
Samples: CNP130, 138, 142, 159, 160, 161, 162, 163, 164, 165, 166, 167, 169, 170, 172, 179.	
Description	
Poorly sorted fabric with 15-20% average inclusion frequency and 25% average coarse fraction.	
<u>Dominant coarse non-plastic inclusions (average % for each type):</u>	
• plagioclase/ microcline feldspar (eq, el; ang – s-rnd; FSa-CSa) 34% • quartz (eq, el; ang-s-ang; MSa-CSa) 29% • granitic rock fragments – combination of quartz, plagioclase/ microcline feldspar, biotite and muscovite (eq, el; ang – s-ang; MSa-FGr) 22% • biotite (lamellae; FSa-CSa) 14%	
<u>Fine fraction (average % for each type):</u>	
• quartz 60% • mica 34% • feldspar 6%	
<u>Matrix:</u> average matrix abundance: 80%; micaceous; heterogeneous; mostly optically active.	
<u>Porosity:</u>	
• average void abundance: 5% • average void type and size: macro/ meso vughs, vesicles, channels.	
<u>Textural features / comments:</u> each sample has FSa-FGr clay pellets taking up >10% of the matrix.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP130	
	

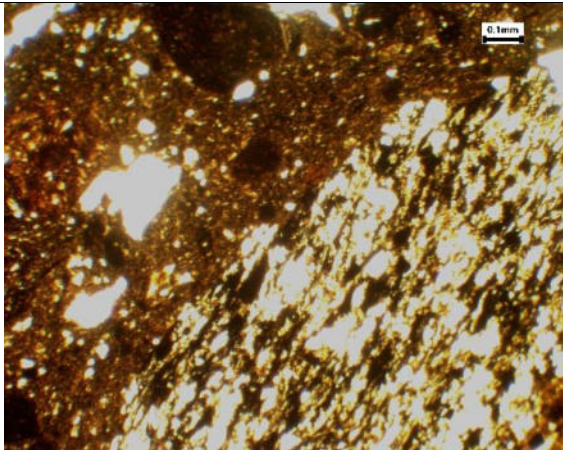
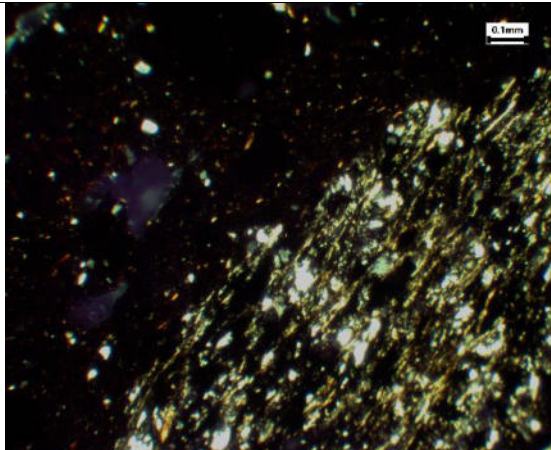
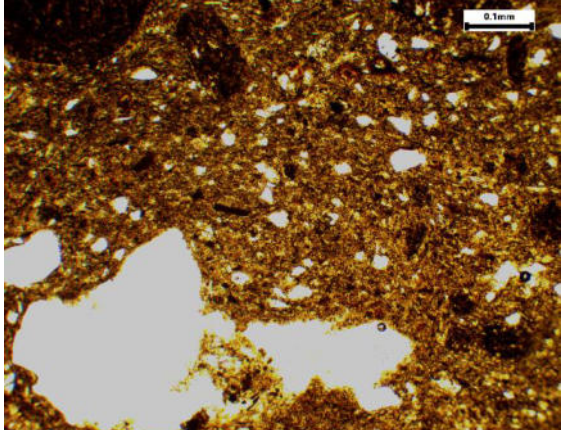
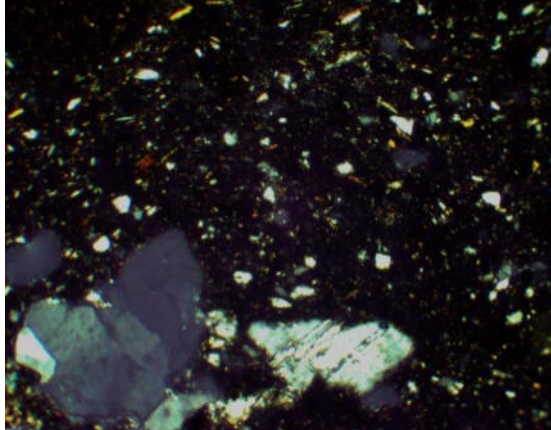
Fabric group: 3; Coarse, Feldspar-Quartz-Granodiorite and Sedimentary rock fragments with large clay pellets	Site: Luohantang
Samples: CNP137, 156, 158, 175, 177.	
Description	
Poorly sorted fabric with 25% average inclusion frequency and 30% average coarse fraction. <u>Dominant coarse non-plastic inclusions (average % for each type):</u> • plagioclase/ microcline feldspar (eq; ang – s-rnd; CSa-FGr) 30% • quartz (eq, el; ang – s-rnd; FSa-FGr) 30% • granitic rock fragments – combination of quartz, plagioclase/ microcline feldspar, biotite or muscovite (eq; ang – s-rnd; CSa-FGr) 21% • sedimentary rock fragments – sandstone and siltstone (euhd, eq; s-ang – rnd; CSa-FGr) 12% <u>Fine fraction (average % for each type):</u> • mica 47% • quartz 44% • feldspar 8% <u>Matrix:</u> average matrix abundance: 70%; micaceous; mostly heterogeneous; optically active. <u>Porosity:</u> • average void abundance: 5% • average void type and size: mega/macro channels, vughs, meso vesicles. <u>Textural features / comments:</u> this fabric is very similar to 2A but has sedimentary rock fragments. Each sample (except CNP156) has FSa-FGr clay pellets taking up >10% of the matrix. CNP156 is possibly a coarse fragment of a Coarse-Fine-combination fabric.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP137	
	



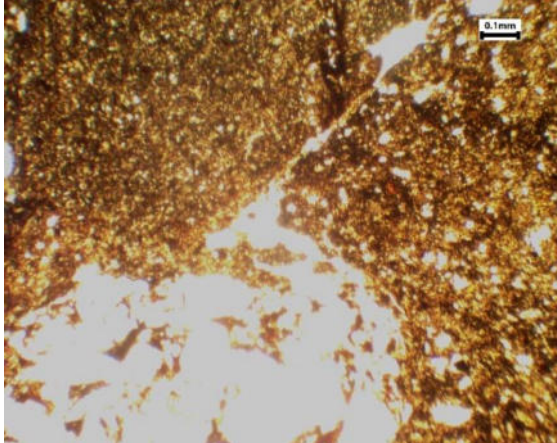
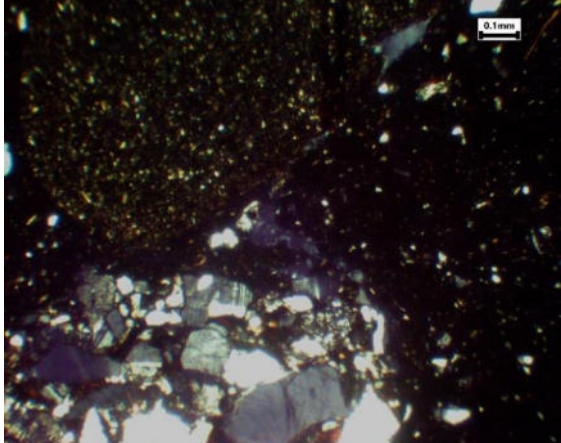
Fabric group: 4; Coarse, Quartz-Feldspar and Granodiorite fragments with fine fraction MSi-sized and smaller	Site: Luohantang
Samples: CNP171, 174.	
Description	
Poorly sorted fabric with 15% average inclusion frequency with 35% average coarse fraction. <u>Dominant coarse non-plastic inclusions (average % for each type):</u> • quartz (eq; s-ang; CSa-FGr) 48% • ortho-(?)/ plagioclase feldspar (eq, el; ang – s-rnd; FSa-CSa) 38% • granitic rock fragments – combination of quartz and plagioclase feldspar (eq, el; ang – s-rnd; FSa-CSa) 10% <u>Fine fraction (average % for each type):</u> • quartz 92.5% • feldspar 7% • mica 0.025% <u>Matrix:</u> average matrix abundance: 70%; non-micaceous; mostly homogeneous; mostly optically active. <u>Porosity:</u> • average void abundance: 15% • average void type and size: mega channels and vughs <u>Textural features / comments:</u> this fabric is highly porous with fine fraction of MSi-size and smaller.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP171	
	

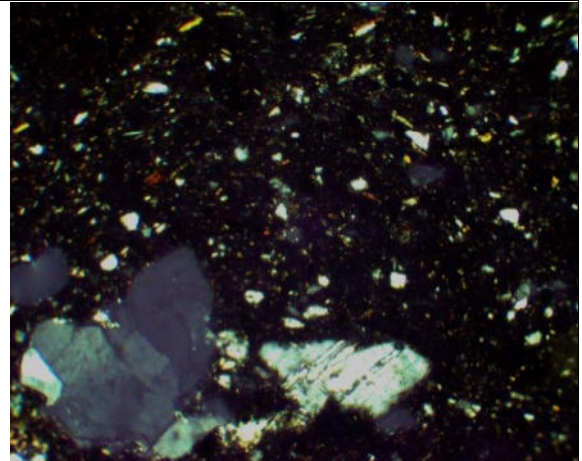
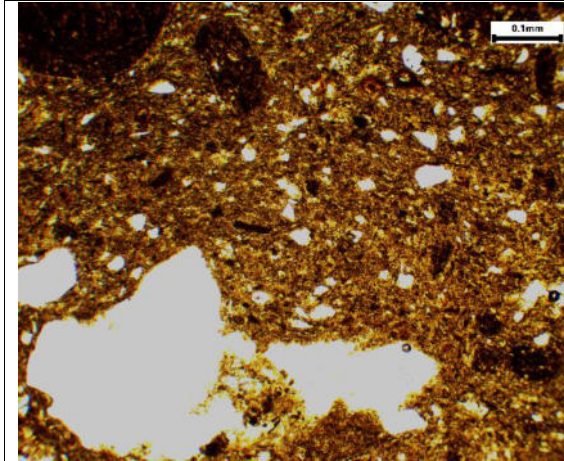
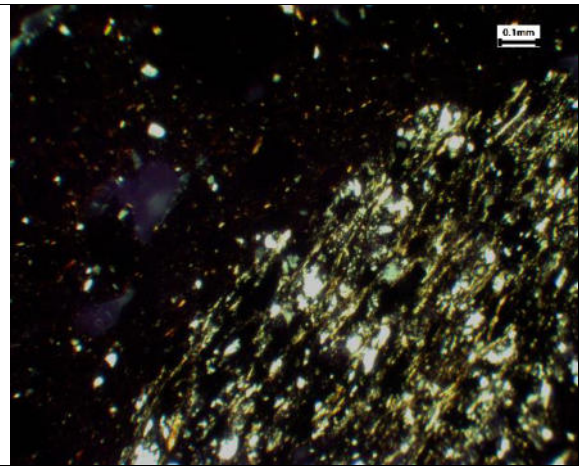
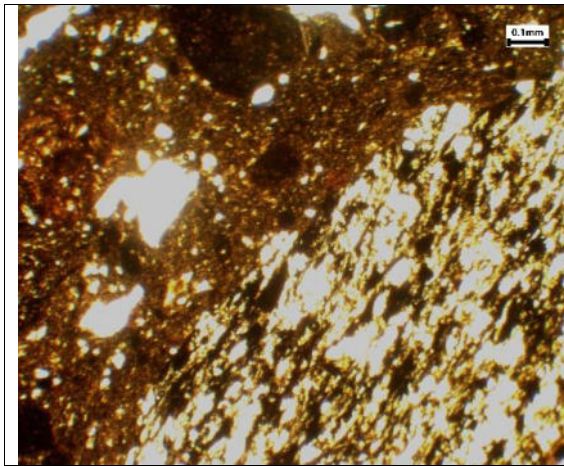


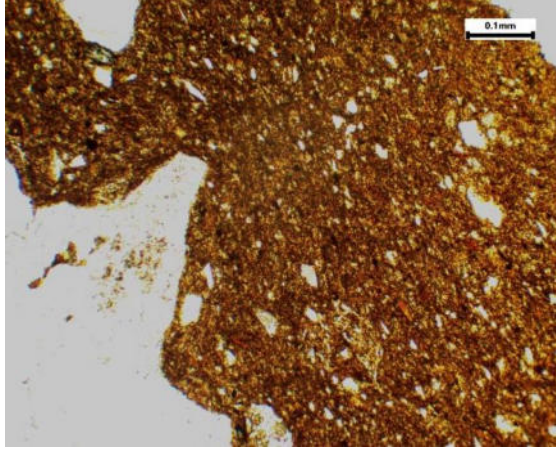
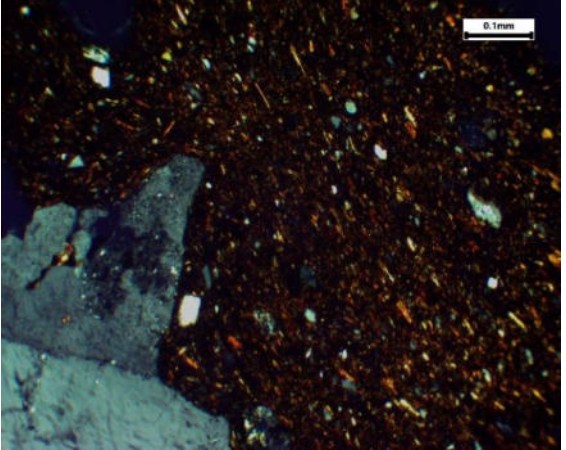
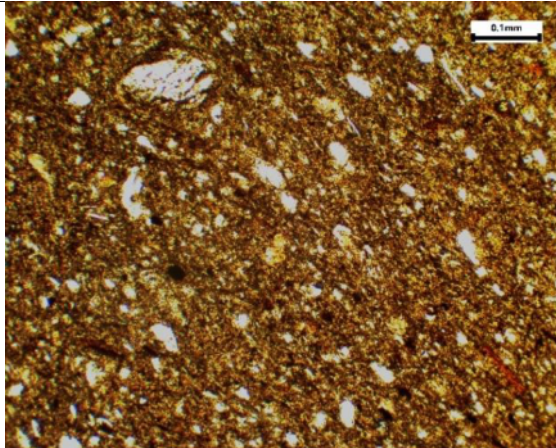
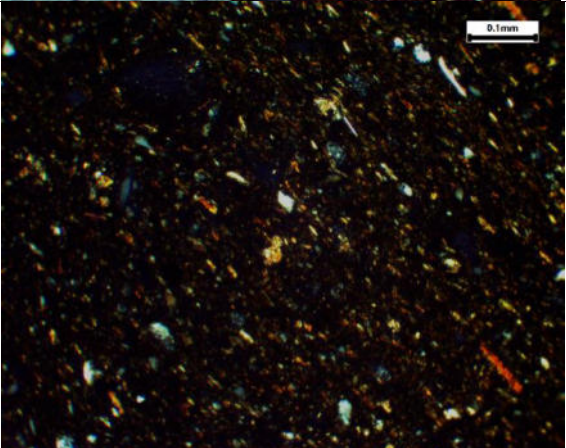
Fabric group: 5; Coarse, Quartz-Feldspar vitrified fabric	Site: Luohantang
Samples: CNP157, 176.	
Description	
These sherds both have overfired fabrics which makes it difficult to analyse their composition in detail. This is a poorly sorted fabric with 20% average inclusion frequency with 20% average coarse fraction. <u>Dominant coarse non-plastic inclusions (average % for each type):</u> • quartz (eq, el; ang – s-rnd; FSa-CSa) 65% • plagioclase feldspar (euhd, eq; s-ang – s-rnd; FSa-CSa) 35% <u>Fine fraction (average % for each type):</u> • quartz 99.5% • feldspar 0.5%? <u>Matrix:</u> average matrix abundance: 55-60%; heterogeneous; mostly inactive. <u>Porosity:</u> • average void abundance: 20% • average void type and size: meso vesicles <u>Textural features / comments:</u> matrix is partially bloated; quartz is the only identifiable component in fine fraction.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP176	
	

Fabric group: 6A; Coarse, Quartz and Quartz Mica Schist and Sedimentary rock fragments	Site: Luohantang
Samples: CNP178.	
Description	
Poorly sorted fabric with 30% inclusion frequency and 20% coarse fraction.	
<u>Dominant coarse non-plastic inclusions:</u>	
• quartz (eq; s-rnd – ang, FSa-CSa) 50% • quartz-mica schist (eq, el; s-rnd; CSa-FGr) 25% • plagioclase feldspar (eq; s-ang; FSa-CSa) 15% • biotite (lamellae; FSa-MSa) 5% • siltstone (eq; s-rnd; CSa) 5%	
<u>Fine fraction:</u>	
• quartz 50% • mica 45% • feldspar 5%	
<u>Matrix:</u> matrix abundance 75-80%; micaceous; heterogeneous; moderate optical activity.	
<u>Porosity:</u> void abundance 5-10%; macro vughs, meso vughs and vesicles, few meso channels.	
<u>Textural features / comments:</u> MSa-CSa clay pellets taking up >10% of the matrix.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP178	
	
	

4.3 Coarse-fine-combination fabrics

Fabric group: 6B; Coarse-fine-combination: Coarse, Quartz and Quartz Mica Schist and Sedimentary rock fragments	Site: Luohantang
Samples: CNP143.	
Description	
This sherd combines fine and coarse fabrics. The overall inclusion frequency is 25-30%. with 10% coarse fraction. The coarse part is poorly sorted, the fine part is well-sorted.	
<u>Dominant coarse non-plastic inclusions:</u>	
• quartz (eq, el; ang – s-rnd; FSa-FGr) 55% • sandstone grit in clay cement (eq, el; s-ang; CSa) 20% • quartz-mica schist (eq, el; s-rnd; CSa) 15% • siltstone (el; rnd; FGr) 10%	
<u>Fine fraction:</u>	
• mica 50% • quartz 49.9% • feldspar 0.1%?	
<u>Matrix:</u> matrix abundance: 60-65%; micaceous; homogeneous; optically inactive.	
<u>Porosity:</u> void abundance 5-10%; one mega channel and one mega vugh, macro/ meso vughs, rare vesicles.	
<u>Textural features / comments:</u> possibly a two-ware vessel with fine fabric in the neck and coarse fabric in the rest of the body; coarse and fine parts have the same groundmass.	
<u>Firing patterns:</u> reduced core, oxidised margins	
<u>Decoration:</u> painted with cord impression (?).	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP143	
	

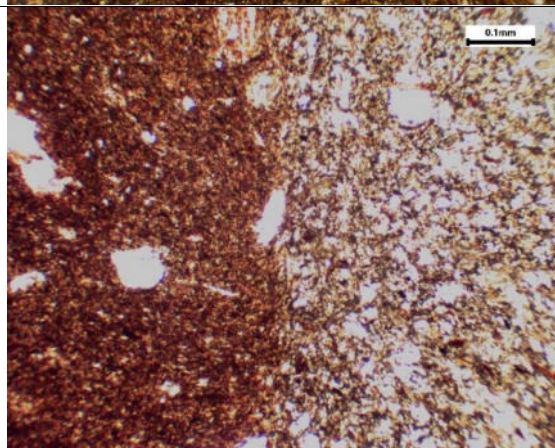
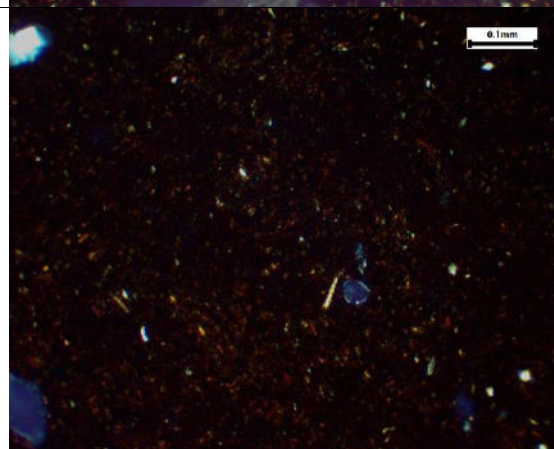
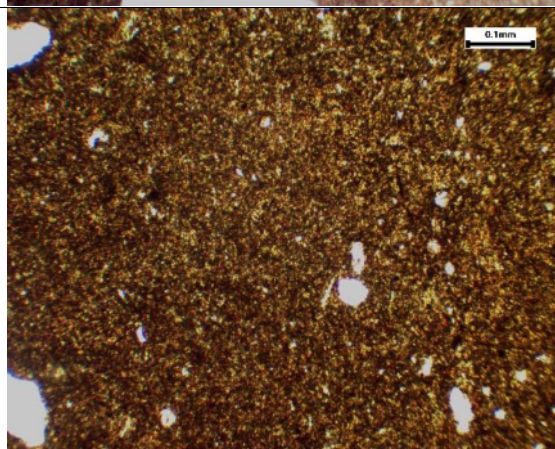
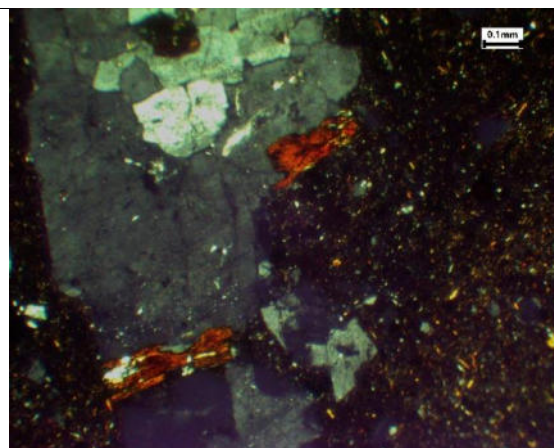
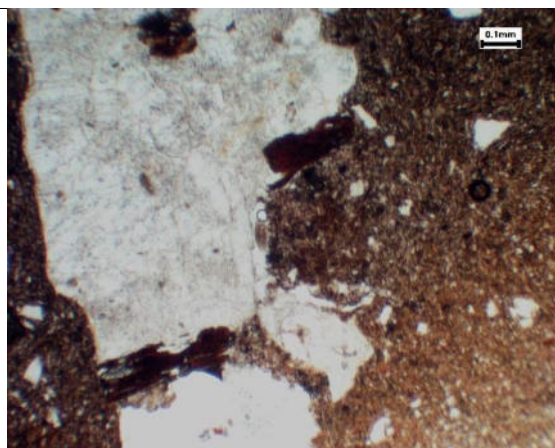


Fabric group: 7; Coarse-fine-combination: Coarse Granodiorite and Quartz fragments	Site: Luohantang
Samples: CNP145.	
Description	
This sherd combines fine and coarse fabrics. The overall inclusion frequency is 30-35% with 5-10% coarse fraction. The coarse part is poorly sorted, the fine part is well-sorted.	
<u>Dominant coarse non-plastic inclusions:</u>	
- granitic rock fragments – combination of quartz, plagioclase feldspar, biotite (eq, el; s-ang; CSa-FGr) 70% - quartz (eq, el; s-ang – rnd; FSa-MSa) 30%	
<u>Fine fraction:</u>	
- quartz 45% - mica 45% - feldspar 10%	
<u>Matrix:</u> matrix abundance: 62-67%; micaceous; homogeneous; optically active.	
<u>Porosity:</u> void abundance: 3%; macro/ meso vughs.	
<u>Textural features / comments:</u> the coarse and the fine parts have the same groundmass.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP145	
	
	

Fabric group: 8; Coarse-fine-combination: Coarse Quartz-Feldspar and Granodiorite fragments	Site: Luohantang
Samples: CNP181.	
Description	
This sherd combines fine and coarse fabrics. The coarse part is poorly sorted and has 30% inclusion frequency with 5-10% coarse fraction. The fine part is well sorted and has 10% inclusion frequency with 0% coarse fraction.	
<u>Dominant coarse non-plastic inclusions:</u>	
• quartz (eq; rnd; FSa-FGr) 30% • granitic rock fragments – combination of quartz, plagioclase feldspar, biotite (eq; MSa-CSa 20% • haematite? with quartz inclusions (eq, el; rnd; MSa) 20% • plagioclase feldspar (eq; s-ang; CSa) 20% • biotite (lamellae; FSa) 10%	
<u>Fine fraction (coarse part):</u>	
• mica 50% • quartz 50%	
Fine fraction (fine part):	
• mica 55% • quartz 45%	
<u>Matrix:</u> matrix abundance: coarse part 70%, fine part 80%; both parts are micaceous; both parts are homogeneous; coarse part has a moderate optical activity, fine part is optically active.	
<u>Porosity:</u> void abundance: coarse part 5%, fine part 5-10%; macro/ meso vughs, vesicles, channels.	
<u>Textural features / comments:</u> coarse and fine fabrics have a different groundmass – the groundmass of the coarse fabric has a higher amount of fine fraction; the groundmass of the fine fabric is similar to fabric 1B – mineral inclusions are MSi-sized and smaller.	

Photomicrographs (left - PPL, right - XPL; scale size 0.1 mm)

CNP181



Fabric group: 9; Coarse-fine-combination: Coarse Quartz-Feldspar, Granodiorite and Sedimentary rock fragments	Site: Luohantang
Samples: CNP155, 187.	
Description	
This sherd combines fine and coarse fabrics. The coarse part is poorly sorted, the fine part is well-sorted. The overall average inclusion frequency is 15% with 35% average coarse fraction in coarse part. The fine part has 0% coarse fraction.	
<u>Dominant non-plastic inclusions (average % for each type):</u>	
• plagioclase feldspar (eq; s-rnd – rnd; FSa-Csa) 30% • quartz (eq; s-rnd; CSa- FGr) 27.5% • sedimentary rock fragments – sandstone, silstone (eq, el; s-rnd; CSa-FGr) 27% • granitic rock fragments – combination quartz and plagioclase feldspar with7 without biotite (eq; ang – s-ang; CSa) 5.5%	
<u>Fine fraction (average % for each type):</u>	
• mica 55% • quartz 45%	
<u>Matrix:</u> average matrix abundance: 75-80%; micaceous; homogeneous; moderate optical activity.	
<u>Porosity:</u>	
• average void abundance: 5-10% • average void type and size: macro/ meso vughs and channels.	
<u>Textural features / comments:</u> both fabrics have the same groundmass. These sherds probably belong to the same vessel.	
Photomicrographs (left – PPL, right – XPL; scale size 0.1 mm)	
CNP187	
