

Materials List for

The Role of Fabric in Frictional Properties of Phyllosilicate-Rich Tectonic Faults

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Materials

Name	Company	Catalog Number	Comments
disk mill	Plenty of companies	none	Standard disk mills to pulverize rocks
fault rock	Natural outcrops	none	All the outcrops rich in phyllosilicates worldwide
hammer and chisel	Plenty of companies	none	Standard hammer and chisel used by geologists
optical microscope	Plenty of companies	none	Standard microscope used for mineralogy
rock deformation apparatus	we use prototypes like BRAVA & BRAVA2.0	none	Rock deformation apparatuses (Marone et al., 1998; Collettini et al., 2014)
saw to cut rocks	Plenty of companies	none	Standard saws to cut fault rocks
SEM, scanning electron microscope	Plenty of companies	none	Microscope to investigate microstructures at the micron scale
TEM, transmission electron microscope	Plenty of companies	none	Microscope to investigate microstructures at the nano scale