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Frictional properties and microstructural evolution of dry and wet calcite–dolomite gouges

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Introduction

This file contains (i) an image of the water bath designed to keep gouge samples saturated during slip, and (ii) X-ray powder diffraction (XRPD) analysis of the starting materials, calcite-dolomite mixture batches, and deformed bulk gouge.

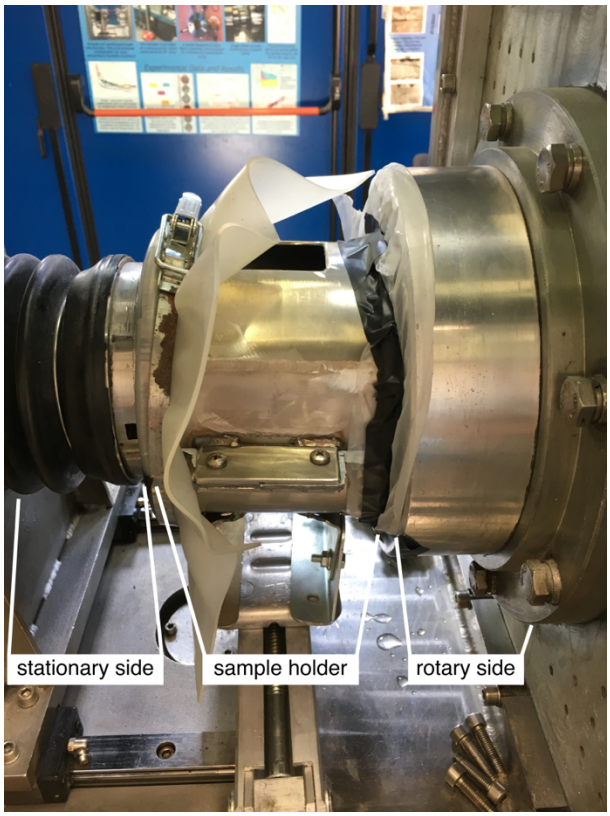

Figure S1. Photograph of the water bath designed to keep gouges immersed in water during deformation.

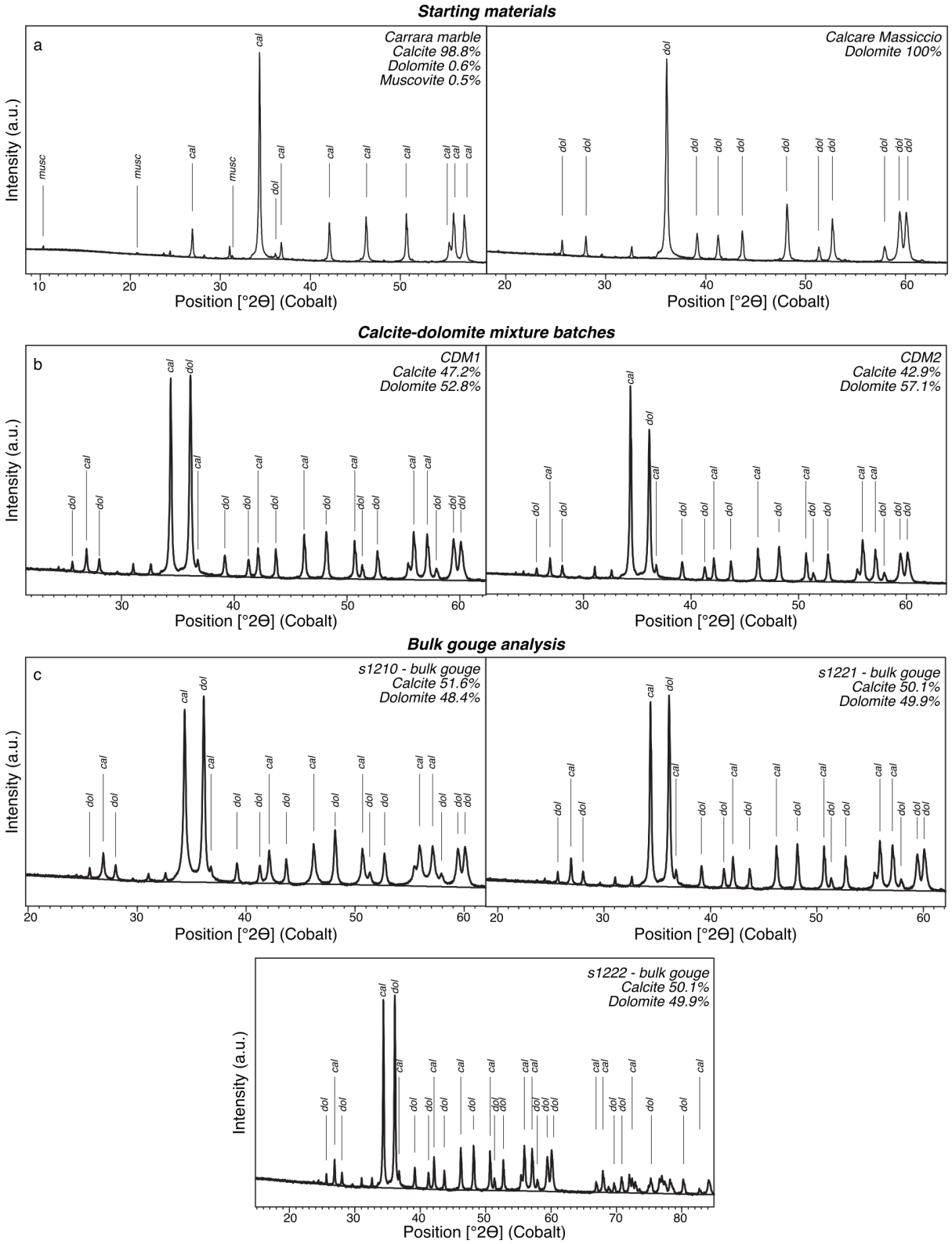

Figure S2. XRPD analysis of a) calcite and dolomite used to prepare the gouge mixtures, b) two batches of calcite-dolomite mixtures and c) deformed bulk gouge at different deformation conditions (see Table 1 in the main text for experimental conditions).