

Auxiliary Material for

Multiple fluvial processes detected by riverside seismic and infrasound monitoring of a controlled flood in the Grand Canyon

Brandon Schmandt¹, Rick Aster^{2,3}, Dirk Scherler⁴, Victor C. Tsai^{4,5}, Karl Karlstrom¹

1. Department of Earth and Planetary Sciences, University of New Mexico, Albuquerque, NM 87131

2. Department of Earth and Environmental Science, New Mexico Institute of Mining and Technology, Socorro, NM 87801

3. Geosciences Department, Colorado State University, Fort Collins, CO, 80523

4. Division of Geological and Planetary Science, California Institute of Technology, Pasadena, CA 91125

5. Seismological Laboratory, California Institute of Technology, Pasadena, CA 91125

Submitted to Geophysical Research Letters, 2013, MS# 2013GL057508R

Introduction

The auxiliary material includes three figures with captions, Figures S1 – S3. These provide further information on the study site, residual spectrograms, and short gaps in the horizontal seismic data.

Figure S1. Aerial photo and description of the study site and discharge data.

Figure S2. Comparison of raw and residual vertical seismic spectrograms.

Figure S3. Residual horizontal seismic spectrogram and data gaps during the CFE.