

Sand—Fine to medium, well-sorted beach and dune deposits; redeposited in lake by tsunami as normally graded, landward thinning layers.

Lake mud—Alternating light and dark gray, laminated to massive mud.

Marine terrace deposits—Fine to coarse, variously sorted sand and gravel deposited in ancient beach and dune environments.

• Tsunami—Sharp, eroded contact continuous for metres that places layers of sand and / or debris over lake mud; sand and debris layers contain marine diatoms transported into lake by tsunami.

Shaking—Sharp contact continuous for metres that places layers
of organic mud with detrital debris from littoral areas over lake mud.

Figure S1