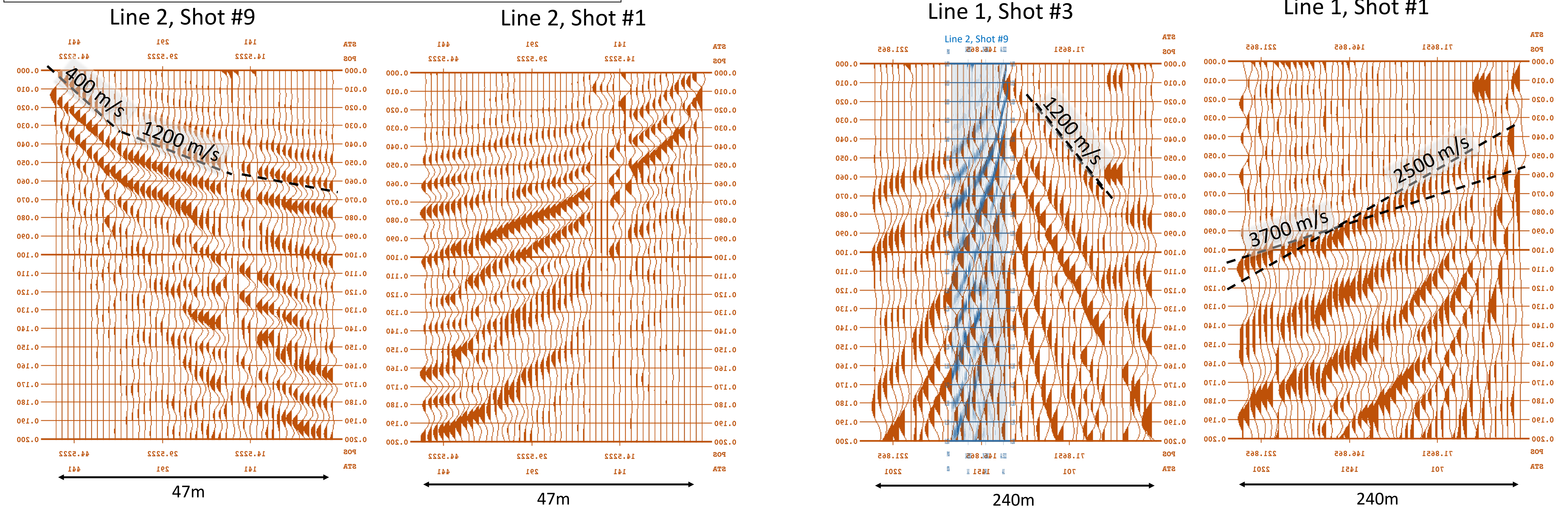
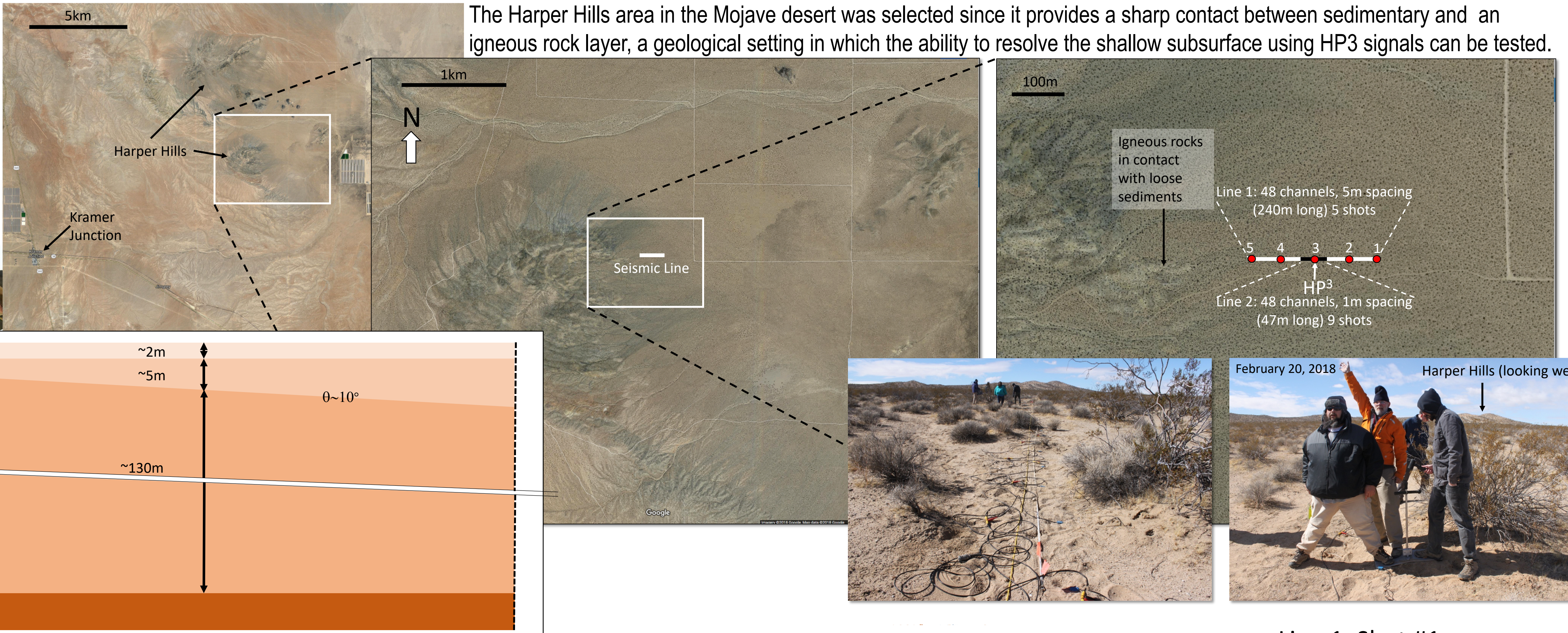


HP³-SEIS Simulation at Harper Hills, CA, February 2018

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HP³-SEIS Experiment, March 5, 2018 – Field Set-up

- A1, A2, A3 are triaxial accelerometers with radial component pointing TO HP³
 - A3 is taped to LVL
 - A2 is buried ~2cm under LVL
 - A1 is buried under ~2cm of sand
- The Trillium Compact North is pointing away from HP³
- The STS2 North points roughly TO HP³

Sampling rates:

- SP, Trillium, STS2: 200sps
- A1, A2, A3: 2048sps

Timing:

- SP, Trillium, STS2: GPS Time
- A1, A2, A3: GPS time + 4.692s

HP³ penetration proved tougher than anticipated. Trenching the shallow subsurface shows consolidated material, rocks and plant roots.

Data Files and Hammering Sessions

Start time (UTC)	Session Description
19:54	Mole held, Mole Tip: 8.5cm
20:52	Mole dug in, Mole Tip: 32cm
21:33	Mole dug in, Mole Tip: 70cm

Seismic Data and HP³ Hammer Times

Data is available to the team at: ftp://sideshow.jpl.nasa.gov/pub/users/sharon/InSight/HP3_SEIS/