Gelll Field Camp

for write up: elevation

Day 1: arrived, set up camp, lunch, field 2-5

- Location: west of road (turn left from field camp).
- Seismic survey w/ hammer & plate
  - ↳ 24 each shot, Phone 1 is @ hill, northmost
- Resistivity over fault (other group) & down past

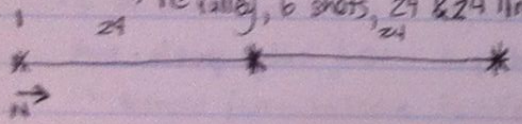
Note: There's a second fault further north on the road that we want to try to also characterize

Day 2: up at 7, out by 8

- Location: on road
- Resistivity + GPS (RTK) 48 channels, 360 measurements (base line point 1)
  - set up 24 x2 lines hammered in the ground
  - ↳ took GPS at each spike, starting at #1 in S (valley) → d2 Mp1
  - ↳ ran resistivity starting w/ 1 to 5 in valley
  - ~1035 ↳ Resistivity "road 2" overlap by 50% for second shoot ← cross fault
  - #1147 "road 3", 50% overlap again, stake 1 on fault
    - ↳ GPS # p73

other group: "road 4", "road 5"

- Seismic
  - ↳ center of line @ GPS station / fault
  - ↳ 10 valley, 6 shots, 24 & 24 lines



- Gravity (go back & read Reynolds text)
  - not below 10.5 Hz
  - always locked - ask! Do not move w/o
  - screws attach to legs for leveling
  - elevation has smallest effect

- Gravity contd
  - corrections: check in @ base station & keep time of each measurement for drift & tide
  - Bouguer
  - Free air

Day 3

- GPR
  - ~ @ offroad site like 1st day
    - start towards camp & run into valley
    - start past the seismic line.
    - Midpoint gather along road (trail, 40 m diff)
  - other group took over for road.

- Gravity
  - started @ point 17. Every 0.1 mile, moving into valley. Last point isn't accurate. Time is local.
  - RTK ran out of batteries. run RTK off truck & Gravimeter off internal batt. 10:12.
  - New job: nail - sharpie marker.