

To do list for the next Homestake trip. Plan for 5 sites: Rhyolite, highschool, and 3 far stations.

-- Solar panels: have 5. Need 2 for Rhyolite Ridge, none at highschool, 1 per remote site, so we are good.

-- Batteries: have 1. **Gary/Vuk to ship 6 more.**

-- Ok on radios, assuming only rhyolite gets one. 1 yaggi and enough of other stuff for rhyolite.

-- Ok on grounding stuff for rhyolite.

-- PowerBox, only have 4, don't need highschool (we'll set up like the underground with a battery tender and AC power). So we are good.

-- Distant stations (if no radios) can use both power box ports (regulated and unregulated). If so, then we don't need any other cables from Passcal. Configurations they sent require separate power for Q330 and Bailer.

-- Battery tender, (we'll have to do a little soldering).

Other stuff, to be purchased in Lead or Rapid:

4x4 posts (ok on solar mounts from passcal). **Maybe use the antenna mast pieces we have?**

Bags concrete, 3 stations worth

Guy wires, hooks, uclamps, turnbuckles, some of this at Yates?,

Metal roll for concrete, in Yates?

Black plastic roll, some at Yates.

Blue foam – **should we ask SURF to bring up several foam panels from 4850?**

Timber

Dog houses! Doors, closing timber – **digitizer boxes to be shipped from IU; do we need anything else?**

Plumbers putty (have ~1/2 tub)

Plywood for top of vault

Pvc pipe for GPS

1 inch straps, or smaller

Water for concrete

Sandbags, have ~10

Have some nails, screws, but may need more

Pre-visit:

- 1) Finalize dates, tentatively weeks of May 25 and/or June 1.
- 2) Vuk/Gary: Ship batteries and digitizer boxes from IU.
- 3) Gary: Contact the owners for 3 remote locations, arrange for visits etc.
- 4) Vuk: Contact and arrange visit to Rhyolite Ridge.
- 5) Gary/Tanner: Contact highschool and arrange the visit. Also start investigating the network setup.
- 6) Total 24 stations, 2 extra seismometers. Spare, or do we install them? Where/when? Hardware?