

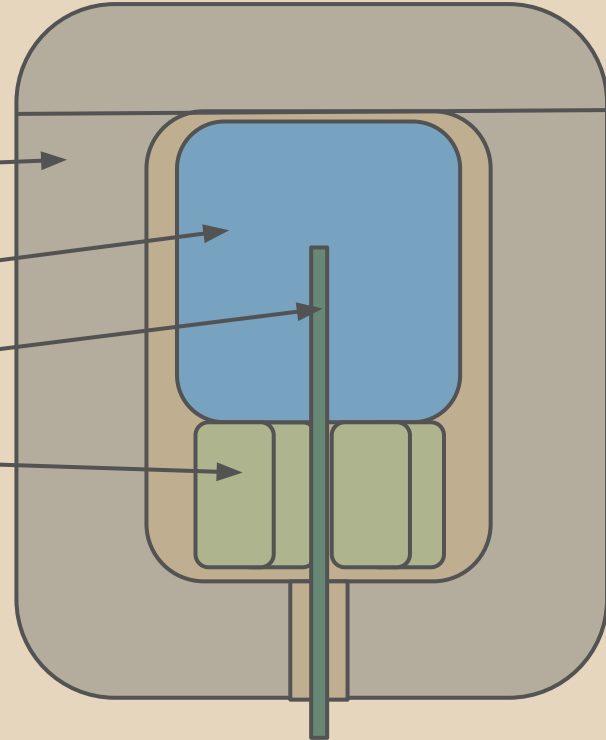
Mini-Scout

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Detector Design

Alpha Beta Counter / Light Attenuation

- 1 Tonne Lead Shield
- Few Litre acrylic vessel
- Gamma Source Tube
- 4 3" PMTs (adit)



Purpose

On surface: Sample LAB from the surface transfer facility at each shipment to get rough estimate of radio impurity using BiPo

Underground: Sample scintillator from detector and measure light yield with source over time

Progress

- Purchased 5 3" adit pmt's with voltage dividers
- Lead shield packed and ready to ship from davis
- VME crate and digitizer delivered to SNOLab