

**Wissard Science Reports
2013-14 Field Season**



Prepared by on-ice WISSARD-lite PI (Dr. Slawek Tulaczyk, UCSC, C-521/525)

Field Location: Subglacial Lake Whillans area

Field Personnel:

Slawek Tulaczyk, Matt Siegfried, Carolyn Branecky, Grace Barcheck, Neil Foley, Doug Bloomquist

-- December 28, 2013 --

Grace Barcheck, Doug Bloomquist, and Slawek Tulaczyk rode out to the SLW borehole site to dig up data-storage and power units connected to the geophysical sensors left in the borehole since last year. All equipment overwintered well and we have now about half a year of data from the downhole sensor strings. In the afternoon Grace and Doug continued on to nearby surface seismic stations to collect data and remove sensors for re-positioning elsewhere during this season. Slawek rode back to join the rest of the team on the WISSARD berms. Seismic data were backed up and visually inspected in the evening. Carolyn Branecky, Neil Foley, and Matt Siegfried (later joined by Slawek) spent the entire day digging up our boxes that were stored in February 2013 behind the drill water tank. This was not a good storage place because our relatively small tri-wall and wooden boxes were buried completely inside a 6-7' tall drift that formed behind the water tank. We managed to recover all items weighing <150 lbs but could not handle with just manual power all the UCSC wooden crates with science equipment because they weigh typically 300-500 lbs.