

Cryobiology Updates:

The exploration of subglacial environments is moving forward



At last. Russian scientists and engineers pose on 5 February, after drilling 3769.3 meters through ice to reach subglacial Lake Vostok.

WISSARD Updates:

Lake Tahoe Test – Spring 2012

Field Season 2012-2013

- Ship and assemble drill (big thanks to Ice Cube)
- Test filtration system – MIS
- Traverse to Whillans
- Drill and sample Lake Whillans

Initial Environmental Evaluation (vs Comprehensive)

minor and/or transitory effect –Adrian DaHood (NSF)

- Whillans system and the clean-access approach

The WISSARD project will provide important new information to the community:

- Feasibility of approach
(sample return and environmental protection)
- Cell numbers from a new subglacial environment
(Environmental Code of Conduct updates)
- *In addition to addressing science aims from the proposal*
Large E & O component

Future Directions (maintaining momentum)

Importance of International Collaboration in Subglacial Exploration:

- Lake Vostok
- Lake Ellsworth
- Other clean access approaches (Ice Mole)

Portable clean
access drills/
probes



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