

Health, Safety and Environment

Lessons Learned

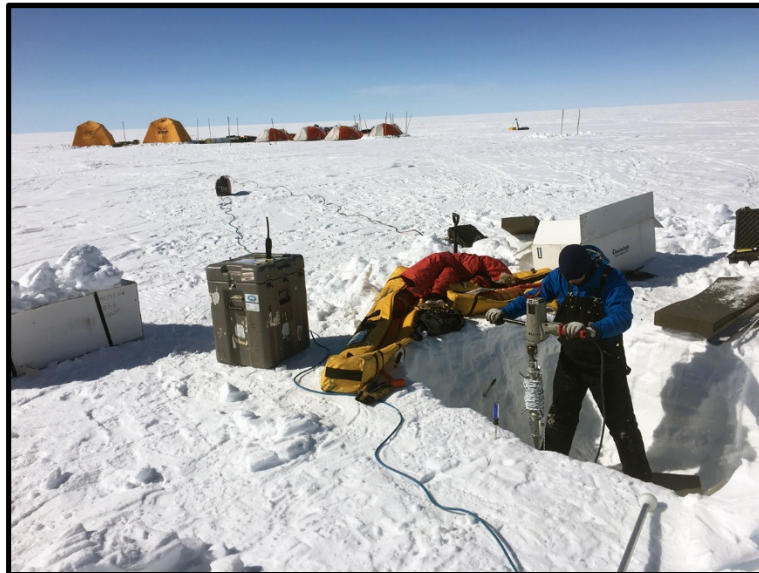
June 2017, NG-LL-17-11

Hand Placement

Subject: Wrist hyperextended while attempting to guide spinning drill

Situation: A research team member was stationed in a 1.5m deep pit to guide a Sidewinder drill into a drill hole, a second team member was at the surface holding/operating the drill. The “guider’s” hand was adjacent to the drill stem. As the drill began to turn, this positioning caught the guider’s hand and hyperextended the wrist. The drill operator released the trigger to stop the activity.

Sidewinder Drill in use in Greenland. Note: photo not taken at same location as the event occurred



Lesson(s) Learned: Body parts should never be near spinning equipment while in operation. In the planning stage, tasks must be assessed and suitable steps taken to remove this risk.

Recommendation In the specific case of the Sidewinder Drill, all teams operating this unit should use a tool/implement to guide the drill, removing the hand and body in general from the spinning drill stem altogether. Use this event and document as a topic of discussion within your work group and assess where risk can be mitigated

Submitted by: Brent Elder (CPS HSE Manager)

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Lessons Learned are for CH2M, CH2M Client, and CH2M Subcontractor use to assist in incident prevention and continuous improvement in HSE performance. Reference to specific organizations, projects, and individuals should be avoided to respect confidentiality and privacy.

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