

Little Dome C

Beyond EPICA Oldest Ice Drilling Site (75.29917 °S, 122.44516 °E)

Situation Report #31; Monday 02 January 2023

Personnel @LDC:

Saverio Panichi (ENEA, Camp Leader), Frank Wilhelms (AWI, Chief Driller), Robert Mulvaney (BAS, Chief Scientist), Giuditta Celli (ENEA), Romilly Harris Stuart (LSCE), Matthias Hüther (AWI), Gunther Lawer (AWI), Johannes Lemburg (AWI), Martin Leonhardt (AWI), Michele Scalet (ENEA), Julien Westhoff (NBI), Andrea de Vito (ENEA)

Personnel @DC: Markus Grimmer (UNIBE), Florian Krauss (UNIBE)

Weather at LDC 5 pm: sunny, 3-5 knots, 642 hPa

Meteo at DC 5 pm: T = -35°C, Wind = Vrb, 5 knots, Wind Chill T = -46°C



Drilling comes good

An excellent day's drilling with a total of a little over 34 m of core in eleven runs of the drill. Finally, we seem to have a good configuration of the drill, and of course the drilling team themselves are doing a fine job! There is a palpable sense of relief in the camp after the struggles of the last week.



Long cores are back! Romilly measures the length of a newly drilled core on the core-loggers bench. (Photo: Mulvaney. Leica SL2, 16mm, 1/30, f11, ISO100)



End of day statistics:

Individual runs of the drill were recorded as: 2.70, 2.71, 2.80, 3.06, 2.97, 3.48, 3.31, 3.09, 3.40, 3.25, 3.12 m

Drillers' depth: 438.44 m; daily total 34.34 m

Loggers' depth: 443.16 m; daily total 34.38 m

RM and FW, 05 Jan 2023

