

TABLE 1. Drilling-site characteristics.

Site	Site 1	Site 2
name	Dolleman Island	Dyer Plateau
location	70°35S, 60°56W	70°30S, 65°01W
type	Dome	Ridge
Elevation (m)	398	1970
Ice thickness (m)	460	1010
Current accumulation rate (m H ₂ O a ⁻¹)	0.42	0.6
Current 10-m temperature (°C)	-16.9	-21.3
Drilling date	Jan 1986	Jan 1989
Depth drilled (m)	133	108
Climate regime	Weddell Sea	Pacific