

Parameter	Proxy	Full ice	Termination	Interglacial	Super-interglacial	Pre-GrlS
	Sites	U1603, U1604, U1605, U1608	U1603, U1604, U1605, U1608	U1603, U1604, U1605, U1608	U1603, U1604, U1605, U1608	U1606, U1607, U1608
Ice sheet configuration indicators						
Iceberg production	IRD	0 to ++	++++	0 to +	0	0
Land exposure	^{10}Be	0	0	+	++	+++
Ice cover	$^{10}\text{Be}/^{26}\text{Al}$	<7 (burial)	<7 (burial)	7	7	7
Terrigenous flux	Volumetric sed. rate, sedimentary magnetism, NGR	+ to ++	++++	+	+	+ to ++
Terrestrial productivity	Pollen, leaf waxes, DNA, fossils	0	+	++	+++	++++
Sediment sourcing	Elemental, magnetic, mineral, and isotopic provenance	Glacial flowline, warm - polythermal bed	Glacial flowline, warm bed	Multiple ice-rafted sources, reworked glacial	Fluvial, reworked glacial, more local	Fluvial, basin only
Weathering intensity	Mineralogy, grain size and texture	0	0	+	++	++++
Glacial meltwater	Salinity reconstructions using $\delta^{18}\text{O}$ and trace elements in foraminifera, palmitic acid δD	0 to +	++++	++	0	0 to +
Environmental indicators						
Depositional processes (Shelf environment)	Lithofacies description	Tills	Glacial-marine, diamicton	Hemipelagic	Hemipelagic	Hemipelagic, contourite, deltaic
Depositional processes (Basin environment)	Lithofacies description	Glacial-marine, plumes/turbidites	Glacial-marine, plumes/turbidites	Hemipelagic, glacial-marine, contourite	Hemipelagic, contourite	Hemipelagic, contourite
Terrestrial climate	Pollen, brGDGT, leaf wax	Cold, dry	Transitional	Warm, wet	Warmer, wetter	Warmest, wettest
Ocean water conditions (surface/subsurface)	Dinoflagellate, diatom and foraminifera; isoGDGTs (e.g. TEX ₈₆) shell trace elements δD	Cold	Cool, strongly stratified	Warm, highly seasonal	Very warm	Very warm
Sea ice	IRD, Dinoflagellates and diatoms; biomarkers (HBI, e.g. IP ₂₅)	+++	++ to +++	+	0-?	0-?