151-913A-4H-1 (Piece Dropstone, 33–35 cm) ROCK NAME: Olivine gabbro GRAINSIZE: 0.1–2.5 mm. TEXTURE: Cumulate/ophitic.			OBSERVER: LLD	WHERE SAMPLED: Greenland Sea	
MINERALOGY MINERALS Clinopyroxene Plagioclase Opaque mineral Mica Amphibole Altered Olivine Phlogopite Apatite	PRES% 35 40 4 <1 2 1 <1 <1	SIZE (mm) 0.1–2.0 0.1–2.5 0.1–2.0 0.05–1.0 0.5–1.5 0.2–2.2 <0.1 <0.1	COMP Calcic. Ti-bearing.	MORPHOLOGY Anhedral. Euhedral to anhedral. Euhedral to anhedral. Euhedral to anhedral. Anhedral. Anhedral. Euhedral. Euhedral.	COMMENTS Zoned, intercumulus; some alteration. Some sericitization. Two habits. Could be secondary; deep green color. Chlorite rims, dark green/brown fibrous cores. One grain at edge of opaque mineral.
SECONDARY MINE MINERALS Chlorite White Mica Brown Mica ADDITIONAL COM	RALS 6 4 7 MENTS: Brief descriptio	REPLACE! Amphibole, Plagioclase Clinopyroxo n. Other minera	MENT/FILLING biotite. and amphibole. ene. ls may be present.		COMMENTS Fibrous. Fibrous. Very fine-grained.
151-913A-12X-CC (Piece Dropstone, 17–20 cm) OBSERVER: LLD ROCK NAME: Feldspathic wacke (deformed?). (Brief Description). GRAINSIZE: to 1.8 mm. TEXTURE: None.				WHERE SAMPLED: Greenland Sea	
MINERALS Quartz Plagioclase White Mica K-feldspar Opaque Mineral	VOL. %	SIZE (mm) 1 0.2–1.8		MORPHOLOGY Euhedral. Elongate.	COMMENTS Undulatory extinction. Twinned. Bent, elongate, and aligned.
CEMENT/MATRIX Carbonate Clay				Sparry	Colorless, splotchy occurrence. Brown.
ADDITIONAL COM grains except K-felds	MENTS: Splotchy colora par pseudomorphs. Percer	tion.White micant quartz >> pero	as are aligned and define cent feldspar; K-feldspa	a foliation. Quartz grains r > plagioclase. Angular to	have developed subgrains and are distinctly larger than all other subrounded grains.
151-913B-4R-CC (Pie ROCK NAME: Arkos GRAINSIZE: to 2.0 rr WHERE SAMPLED;	ece Dropstone, 10–12 cm sic sandstone (compacted nm. Greenland Sea.) and slightly def	OBSERVER: LLD formed).	WHERE OBSERVED:	Greenland Sea
MINERALS Plagioclase White Mica Quartz Titanite K-feldspar ROCK FRAGMENTS	VOL. %	SIZE (mm) 2 1 2 0.2		MORPHOLOGY Subhedral, angular. Bladed. Angular to rounded. Rounded. Subrounded.	COMMENTS Bent. Undulatory extinction, recrystallized. Mostly altered to clays.
Mumpelitic interargue	the				

Myrmekitic intergrowths. Polycrystalline quartz

ADDITIONAL COMMENTS: Grains are very angular-immature sandstone. Myrmekite and undulatory quartz with subgrains may indicate a plutonic source. Matrix is mostly clayey. Rock could be deformed.

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