

LGP Baseline Measurements 03/04 Season

General Site Description

Site Name Towles Glacier (neve/upper glacier) Photo: Rachel Brown



Geographical coordinates	S 72 16.566" E 169 26.512"	From GPS
Elevation	2200 masl	From map
Slope	Degrees	Note if estimated or measured
Date visited: 12 December 2003		
Aspect		
Samples taken? Yes (hoping for 10 year record)		
Photos taken? Yes		
Aerial Photos available? Yes but old		
Notes taken by Tim Fitzgibbon (Byrd Polar Research Centre, USA) see www.huey.colorado.edu/LTER/		

Soil Parameters

N/A

Vegetation

N/A

Fauna

N/A

Glacial

Ablation/accumulation	N/A
Ice temperature	N/A.
Snow pit measurements	1 meter snow pit sampled at 10 cm interval and approximately 6 meters of firn core below snow pit sampled at 8 cm interval for major ions (Cl, N, SO ₄ , Na, K, Mg, Ca), and d18O, dD stable isotopes. The snow pit was also examined for density, grain shape and size, and water equivalency.

Aquatic Non-Marine Systems

N/A

Aquatic Marine Systems

N/A

Environmental (AWS)

N/A