

LGP Baseline Measurements 08/09 Season

General Site Description

Site Name Roadend Nunatak




Upper surface looking toward the Darwin Range

| | | |
|--------------------------|-------------------------|-------------|
| Geographical coordinates | S-79.79925, E158.03608 | GPS |
| Elevation | 1433 msl | GPS |
| Slope | 0° on top, 10° on edges | (Estimated) |
| Date (s) visited | 15,18 January, 2009 | |
| Aspect | Open to all sides | |
| Samples taken? | Yes | |
| Photos taken? | Yes | |
| Aerial Photos available? | Yes | |
| Notes taken by: | Kurt Joy (UOC) | |

☺ = take a picture to exemplify this if you can

Soil Parameters

| | | |
|--|---|--|
| Geomorphological characteristics | <input type="checkbox"/> Pro-Glacial <input type="checkbox"/> Nival - Chionophilous <input type="checkbox"/> Periglacial <input type="checkbox"/> Fluvial <input type="checkbox"/> Coastal <input type="checkbox"/> Fell-Field | <input type="checkbox"/> Slope <input type="checkbox"/> Plateau <input type="checkbox"/> Valley <input type="checkbox"/> Landslide <input type="checkbox"/> Scree slope <input type="checkbox"/> Rock wall <input type="checkbox"/> Other |
| Rock Lithology | <input type="checkbox"/> Siliceous rock <input type="checkbox"/> Calcareous rock | Rock type Predominantly Ferrar Dolerite + some granitic erratics on upper surface |
| Soil Typology | <input type="checkbox"/> Soil Absence <input type="checkbox"/> Soil Presence | <input type="checkbox"/> Mineral soil <input type="checkbox"/> Organic soil <input type="checkbox"/> Other |
| Surface Lithology | <input type="checkbox"/> Outcropping Rock <input type="checkbox"/> Loose Material <input type="checkbox"/> Glacial <input type="checkbox"/> Fluvial <input type="checkbox"/> Eolic <input type="checkbox"/> Coastal <input type="checkbox"/> Scree Slope, Debris | |
| Surface Texture | % Blocks ($\varnothing > 25\text{cm}$) % Pebbles ($5\text{cm} < \varnothing < 25\text{cm}$) % Gravel ($0.2\text{cm} < \varnothing < 5\text{cm}$) % Sand and finer material ($\varnothing < 0.2\text{cm}$) | |
|  | | |
| <p>Granite erratic sitting on dolerite bedrock</p> | | |

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Vegetation

| | |
|--------------------|--------------------------------|
| Plants and Lichens | Some observed but unidentified |
|--------------------|--------------------------------|

Fauna

| | |
|---------------|---------------|
| Mammals | None observed |
| Birds | None observed |
| Invertebrates | None observed |

Glacial

| | |
|-----------------------|--------------|
| Ablation/accumulation | Not measured |
| Ice temperature | Not measured |
| Snow pit measurements | Not measured |

Aquatic Non-Marine Systems

N/A

Environmental (AWS)

Central Valley or Darwin AWS are the closest stations, may not be relevant due to differences in elevation.

For data see:

<http://www.lgp.aq/article/6341.html#8809>