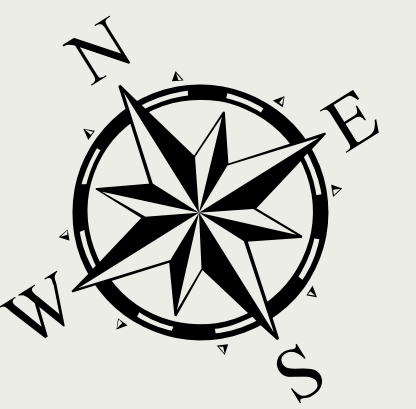


# READ ISLAND PROTECTED LANDSCAPE NETWORK

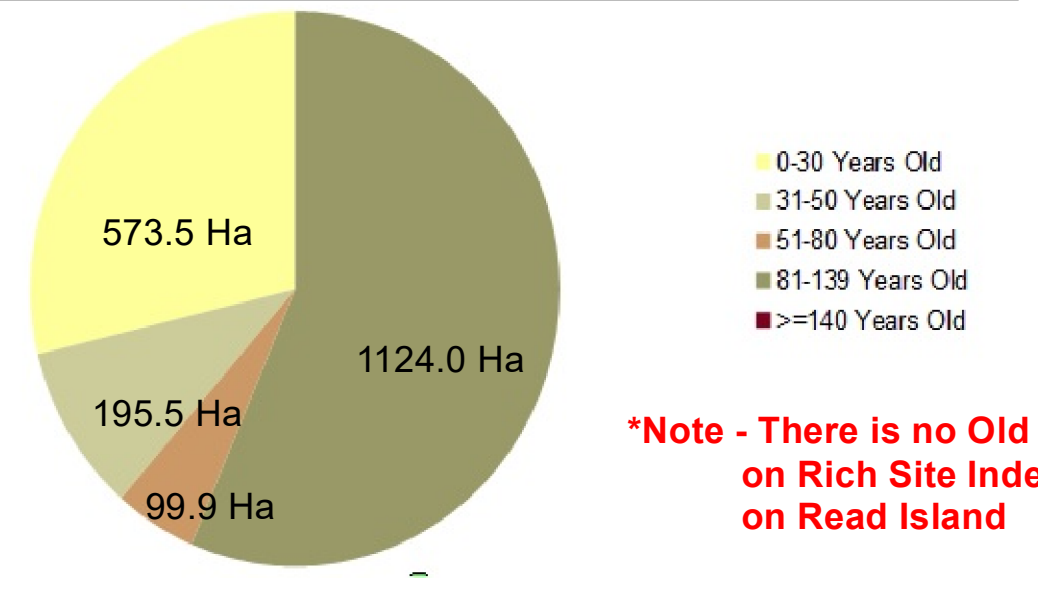
## Map 3b - Forest Productivity (Site Index) and Old Forest



- Map 1 - Tree Species and Stand Age
- Map 2 - Ecological Sensitivity
- Map 3a & 3b - Old Forest and Site Index - Productivity
- Map 4 - Naturally Rare/Unique Ecosystems
- Map 5 - Past and Planned Logging with Zones of Influence
- Map 6 - Past and Planned Logging Acetate Overlay
- Map 7 - Protected Landscape Network (PLN)

Forests with high biological productivity (rich site index) generally have greater biological diversity (or biodiversity-potential) than less productive (low site index) forests.

Hectares of Forest Stand Age Class On Rich Site Index



**\*Note - There is no Old Forest on Rich Site Index left on Read Island**

SITE INDEX (SI) is an indicator of the growing potential of a site, measured as the height that the leading tree species will reach at age 50 years. For example, a Site Index of 24 means that the trees there will be 24m high at 50 years old.

For this Read Island PLN:  
 Site Index 18 or less (<=18) is considered poor, low productivity;  
 Site Index 24 or higher (>=24) is rich, highly productive.

Surge Narrows Dock

Bird Cove

Lamberts Beach

Evans Bay Dock/Steam Boat Trail

Hjorth Bay

Hotel Bay

**Old Forest (>=140 Years Old)**

- On Poor Site Index (<=18)
- On Medium Site Index (18-24)

**Young to Mature Forest (0-139 Years Old)**

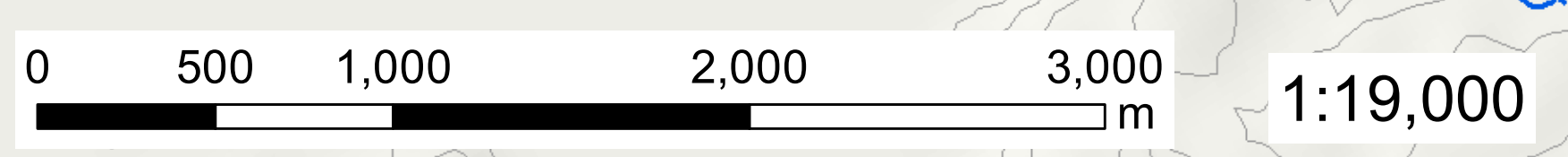
- 0-30 Years Old on Rich Site Index (>=24)
- 31-50 Years Old on Rich Site Index (>=24)
- 51-80 Years Old on Rich Site Index (>=24)
- 81-139 Years Old on Rich Site Index (>=24)
- 0-139 Years Old on Poor Sites (<=18)
- 0-139 Years Old on Medium Site Index (18-24)

- VR I Polygon
- Provincial Park/Protected
- Private Forest Land
- Public Forest/Crown Woodlot License (W0046; W2062)
- Public Forest/Crown Land
- Main Road
- Lakes
- Wetlands
- Streams
- Acetate Overlay Registration Ticks

Forest Polygon Label Meaning Example:  
 SI:21.1  
 Age Cl:6  
 90FD 10HW

SI:24 -> Site Index of 24 (24m height at 50 years old)  
 Age Cl:6 -> Age Class Category of 6 (101-120 years old)  
 90FD 10HW -> 90% Douglas Fir and 10% Western Hemlock

Age Class Code	Description	Species Code	Description
1	1-20 Years	BG	Grand Fir
2	21-40 Years	CW	Western Red Cedar
3	41-60 Years	DR	Red Alder
4	61-80 Years	FD	Douglas Fir
5	81-100 Years	FDC	Coastal Douglas Fir
6	101-120 Years	H	Hemlock
7	121-140 Years	HW	Western Hemlock
8	141-250 Years	PL	Lodgepole Pine
9	>250 Years	PW	Western White Pine
		MB	Bigleaf Maple
		SS	Sitka Spruce



W1899

W1970

W0025

W1610