Appendix 11

Timber Supply Review

Spatial Input Atlas

GAW TLAGEE
Old Massett

Masset

GAMADIIS
Port Clements

TLL.AAL
Tlell

HLGAAGILDA
Skidegate

K'IL LLNAGAAY
Sandspit

DAAJING GIIDS
Queen Charlotte

≤50 years
≤100 years
≤150 years
≤200 years
>250 years

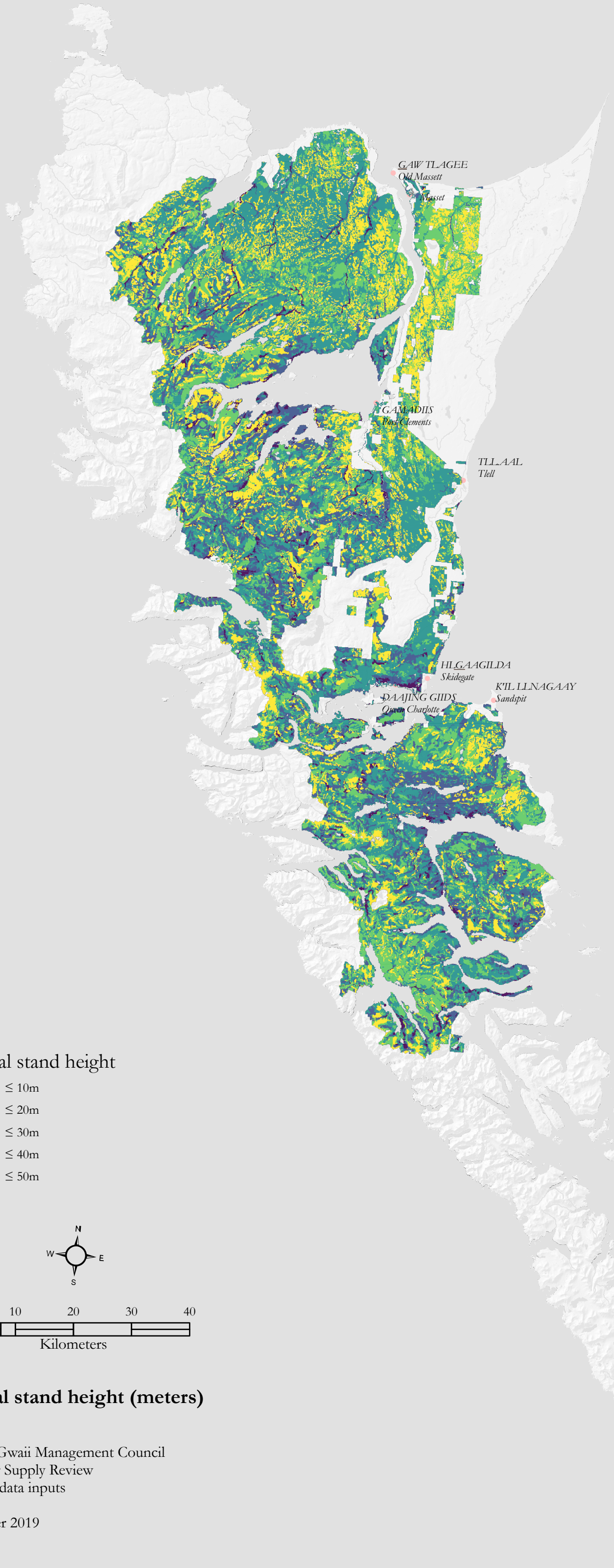
N
W
E
S

0 5 10 20 30 40
Kilometers

Forest age

Haida Gwaii Management Council
Timber Supply Review
Spatial data inputs

October 2019



initial stand height

- ≤ 10m
- ≤ 20m
- ≤ 30m
- ≤ 40m
- ≤ 50m

N
W E
S

0 5 10 20 30 40

Kilometers

Initial stand height (meters)

Haida Gwaii Management Council
Timber Supply Review
Spatial data inputs

October 2019

GAW TLAGEE
Old Massett

Masset

GAMADIIS
Rose Clements

TLLAAL
Tlell

HLGAAGILDA
Skidegate

K'IL LLNAGAAY
Sandspit

DAAJING GIIDS
Queen Charlotte

Initial volumes

- ≤ 250m3
- ≤ 350m3
- ≤ 450m3
- ≤ 550m3
- >550m3

N
W
E
S

0 5 10 20 30 40

Kilometers

Initial volumes (m3) within the THLB

Haida Gwaii Management Council
Timber Supply Review
Spatial data inputs

October 2019

GAW TLAGEE
Old Massett

Masset

GAMJAHLS
Port Clements

TLLAAL
Tlell

HLGAAGILDA
Skidegate

K'IL LLNAGAAY
Sandspit

DAAJING GIIDS
Queen Charlotte

Site index <5

N
W E
S

0 5 10 20 30 40
Kilometers

Non-forest (low site index)

Haida Gwaii Management Council
Timber Supply Review
Spatial data inputs

October 2019

GAW TLAGEE
Old Massett

Masset

GAMADIIS
Port Clements

TLL.AAL
Tlell

HL_GAAGILDA
Skidegate

K'IL LLNAGAAY
Sandspit

DÅAJING GIIDS
Queen Charlotte

Western redcedar
Red alder
Hemlock
Lodgepole pine
Sitka spruce
Yellow cedar

N
W
E
S

0 5 10 20 30 40
Kilometers

Leading tree species

Haida Gwaii Management Council
Timber Supply Review
Spatial data inputs

October 2019

GAW TLAGEE
Old Massett

Masset

GAMADIIS
Port Clements

TLL.AAL
Tlell

HLGAAGILDA
Skidegate

K'IL LLNAGAAY
Sandspit

DAAJING GIIDS
Queen Charlotte

Lakes
Wetlands

N
W
E
S

0 5 10 20 30 40
Kilometers

Water (lakes and wetlands)

Haida Gwaii Management Council
Timber Supply Review
Spatial data inputs

October 2019

GAW TLAGEE
Old Massett

Masset

GAMADIIS
Port Clements

TLL.AAL
Tlell

HL GAAGILDA
Skidegate

K'IL LLNAGAAY
Sandspit

DAAJING GIIDS
Queen Charlotte

Queen Charlotte Lowlands
Skidegate Plateau
Windward Queen Charlotte

N
W E
S

0 5 10 20 30 40
Kilometers

Physiographic ecosections

Haida Gwaii Management Council
Timber Supply Review
Spatial data inputs

October 2019



Protected Areas/Conservancies/Provincial Parks

Haida Gwaii Management Council
Timber Supply Review
Spatial data inputs

October 2019

GAW TLAGEE
Old Massett

Masset

GAMADIIS
Port Clements

TLLAAL
Tlell

HLGAAGILDA
Skidegate

K'IL LLNAGAAY
Sandspit

DAAJING GIIDS
Queen Charlotte

FLTCA87661
TFL58
TFL60
TSA
Woodlots

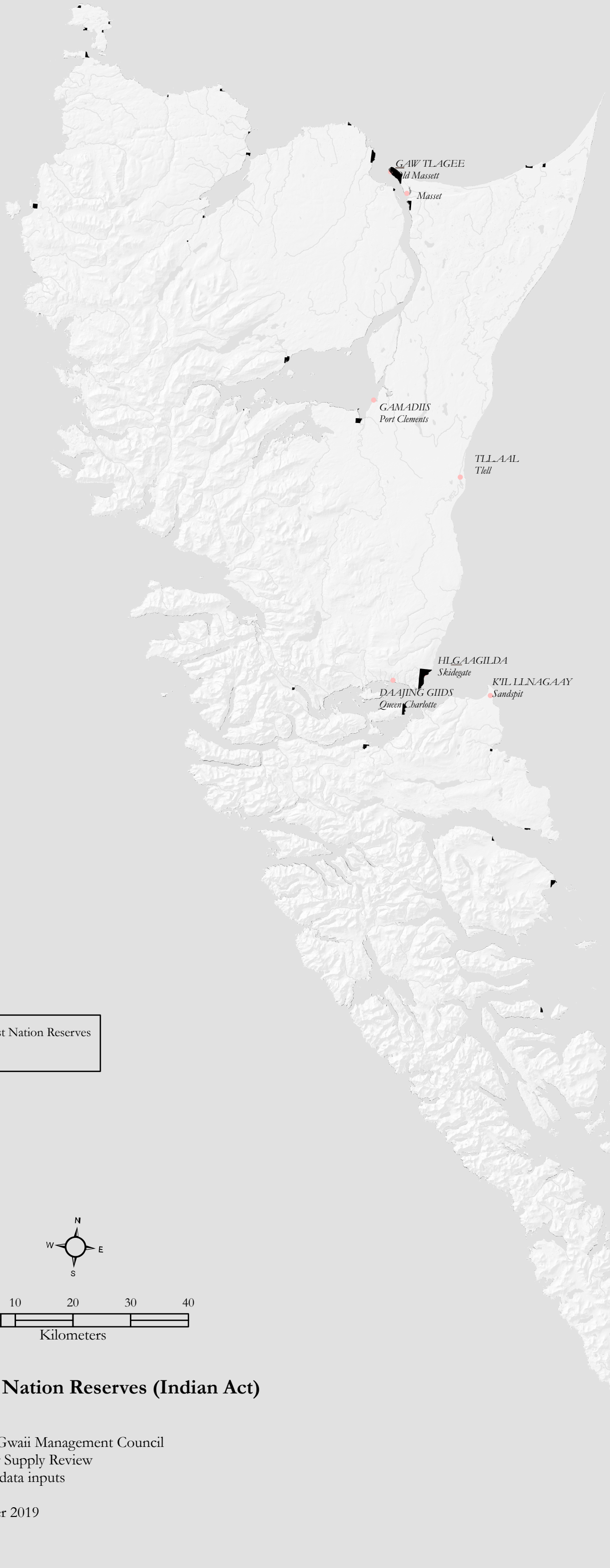
N
W
E
S

0 5 10 20 30 40
Kilometers

Forest Management Units

Haida Gwaii Management Council
Timber Supply Review
Spatial data inputs

October 2019



First Nation Reserves

N
W E
S

0 5 10 20 30 40
Kilometers

First Nation Reserves (Indian Act)

Haida Gwaii Management Council
Timber Supply Review
Spatial data inputs

October 2019

GAW TLAGEE
Old Massett

Masset

GAMADIIS
Port Clements

TLL.AAL
Tlell

HL<u>G</u>AAGILDA
Skidegate

K'IL LLNAGAAY
Sandspit

DAAJING GIIDS
Queen Charlotte

Trails

Land Act Reserves

Recreation sites

N
W
E
S

0 5 10 20 30 40
Kilometers

Miscellaneous non-forestry tenures, recreation sites and trails

Haida Gwaii Management Council
Timber Supply Review
Spatial data inputs

October 2019

GAW TLAGEE
Old Massett

Masset

GAMADIIS
Port Clements

TLL.AAL
Tlell

HLGAAGILDA
Skidegate

K'IL LLNAGAAY
Sandspit

DAAJING GIIDS
Queen Charlotte

Municipal boundary: no development

Municipal boundary: development permitted

N
W
E
S

0 5 10 20 30 40

Kilometers

Municipal government boundaries and industrial zoning delineation

Haida Gwaii Management Council
Timber Supply Review
Spatial data inputs

October 2019

GAW TLAGEE
Old Massett

Masset

GAMADIIS
Port Clements

TLL.AAL
Tlell

HLGAAGILDA
Skidegate

K'IL LLNAGAAY
Sandspit

DAAJING GIIDS
Queen Charlotte

Private/ Crown Grants

N
W E
S

0 5 10 20 30 40
Kilometers

Private land/Crown grants

Haida Gwaii Management Council
Timber Supply Review
Spatial data inputs

October 2019

GAW TLAGEE
Old Massett

Masset

GAMADIIS
Port Clements

TLLAAL
Tlell

HLGAAGILDA
Skidegate

K'IL LLNAGAAY
Sandspit

DAAJING GIIDS
Queen Charlotte

BRANCH
MAIN
PERMANENT

N
W
E
S

0 5 10 20 30 40
Kilometers

Roads

Haida Gwaii Management Council
Timber Supply Review
Spatial data inputs

October 2019

GAW TLAGEE
Old Massett

Masset

GAMADIIS
Port Clements

TLL.AAL
Tlell

HLGAAGILDA
Skidegate

K'IL LLNAGAAY
Sandspit

DAAJING GIIDS
Queen Charlotte

Proposed First Nation Woodland Licence

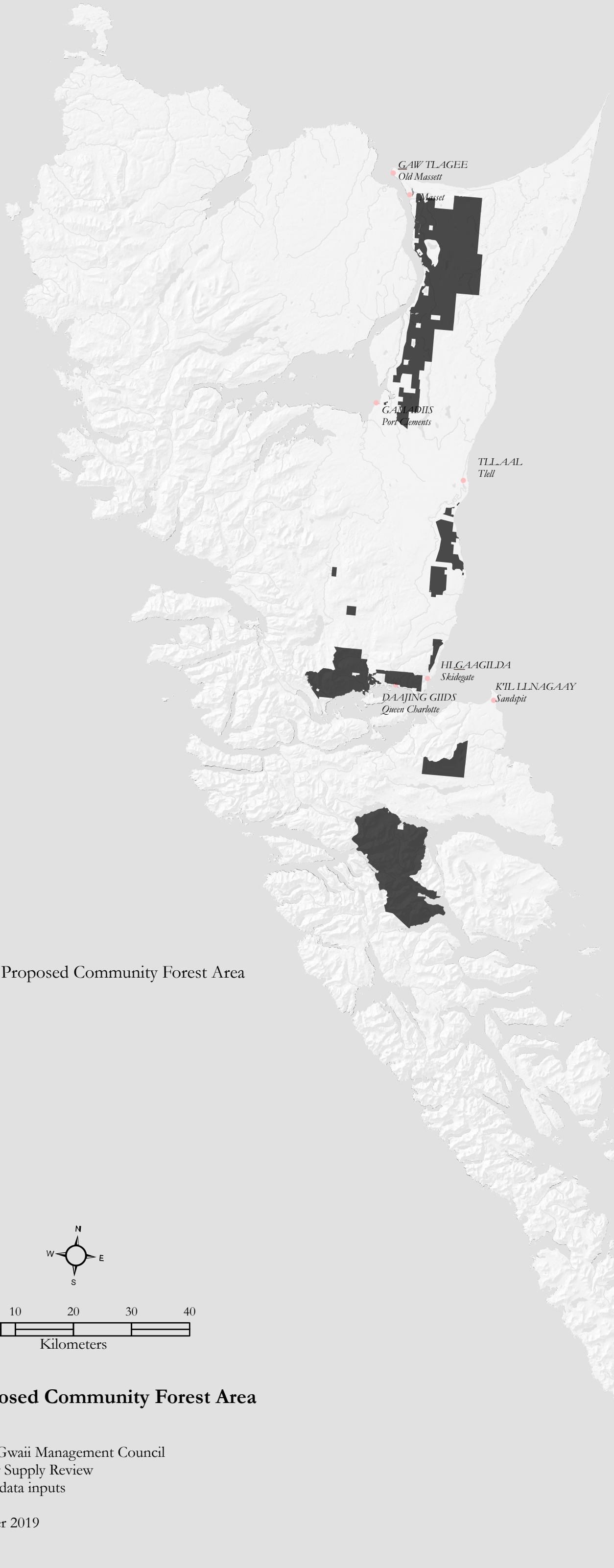
N
W
E
S

0 5 10 20 30 40
Kilometers

Proposed First Nations Woodland Licence

Haida Gwaii Management Council
Timber Supply Review
Spatial data inputs

October 2019



Proposed Community Forest Area

N
W
E
S

0 5 10 20 30 40

Kilometers

Proposed Community Forest Area

Haida Gwaii Management Council
Timber Supply Review
Spatial data inputs

October 2019

GAW TLAGEE
Old Massett

Masset

GAWADIIS
Port Clements

TLLAAL
Tlell

HLGAAGILDA
Skidegate

K'IL LLNAGAAY
Sandspit

DAAJING GIIDS
Queen Charlotte

Value

93%

Percent inclusion
in the THLB

0

N
W E
S

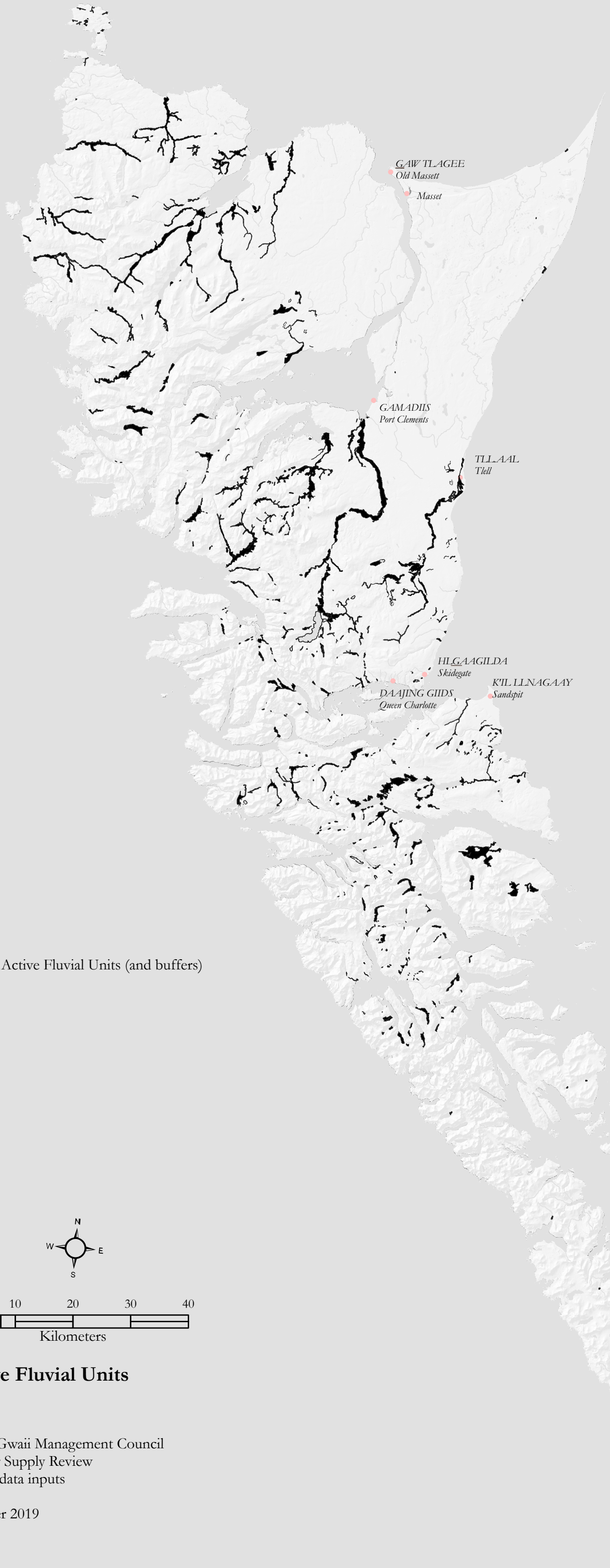
0 5 10 20 30 40

Kilometers

Timber Harvesting Land Base (THLB)

Haida Gwaii Management Council
Timber Supply Review
Spatial data inputs

October 2019



Active Fluvial Units (and buffers)

N
W E
S

0 5 10 20 30 40
Kilometers

Active Fluvial Units

Haida Gwaii Management Council
Timber Supply Review
Spatial data inputs

October 2019

GAW TLAGEE
Old Massett

GAMADIIS
Port Clements

TLL.AAL
Tlell

HLGAAGILDA
Skidegate

K'IL LLNAGAAY
Sandspit

DAAJING GIIDS
Queen Charlotte

Saw whet owl nesting reserves

Northern Goshawk nesting reserves

N
W
E
S

0 5 10 20 30 40
Kilometers

Saw whet owl and Northern Goshawk nesting reserves

Haida Gwaii Management Council
Timber Supply Review
Spatial data inputs

October 2019

GAW TLAGEE
Old Massett

Masset

GAMADIIS
Port Clements

TLL.AAL
Tlell

HLGAAGILDA
Skidegate

K'IL LLNAGAAY
Sandspit

DAAJING GIIDS
Queen Charlotte

Cedar Stewardship Areas

N
W
E
S

0 5 10 20 30 40
Kilometers

Cedar Stewardship Areas

Haida Gwaii Management Council
Timber Supply Review
Spatial data inputs

October 2019

GAW TLAGEE
Old Massett

Masset

GAMADIIS
Port Clements

TLL.AAL
Tlell

HLGAAGILDA
Skidegate

K'IL LLNAGAAY
Sandspit

DAAJING GIIDS
Queen Charlotte

Red listed ecosystems

Rare ecosystems

Forest swamps (and buffers)

Blue listed ecosystems

N
W E
S

0 5 10 20 30 40
Kilometers

Ecosystem Representation

Haida Gwaii Management Council
Timber Supply Review
Spatial data inputs

October 2019

GAW TLAGEE
Old Massett

Masset

GAMADIIS
Port Clements

TLL.AAL
Tlell

HLGAAGILDA
Skidegate

K'IL LLNAGAAY
Sandspit

DAAJING GIIDS
Queen Charlotte

Type 2 Fish Habitat

Type 1 Fish Habitat

FPPR_RIP

N
W
E
S

0 5 10 20 30 40
Kilometers

Type 1 and 2 Fish Habitat and Forest, Planning and Practices Regulation (FPPR) riparian buffers

Haida Gwaii Management Council
Timber Supply Review
Spatial data inputs

October 2019

GAW TLAGEE
Old Massett

Masset

GAMADIIS
Port Clements

TLLAAL
Tlell

HLGAAGILDA
Skidegate

K'IL LLNAGAAY
Sandspit

DAAJING GIIDS
Queen Charlotte

Forest Reserves (HGLUOO Schedule 8)

N
W E
S

0 5 10 20 30 40
Kilometers

Forest Reserves

Haida Gwaii Management Council
Timber Supply Review
Spatial data inputs

October 2019

GAW TLAGEE
Old Massett

Masset

GAMADIIS
Port Clements

TLL.AAL
Tlell

HL.GAAGILDA
Skidegate

K'IL LLNAGAAY
Sandspit

DAAJING GIIDS
Queen Charlotte

Yew

Traditional Forest Features

Monumental

N
W E
S

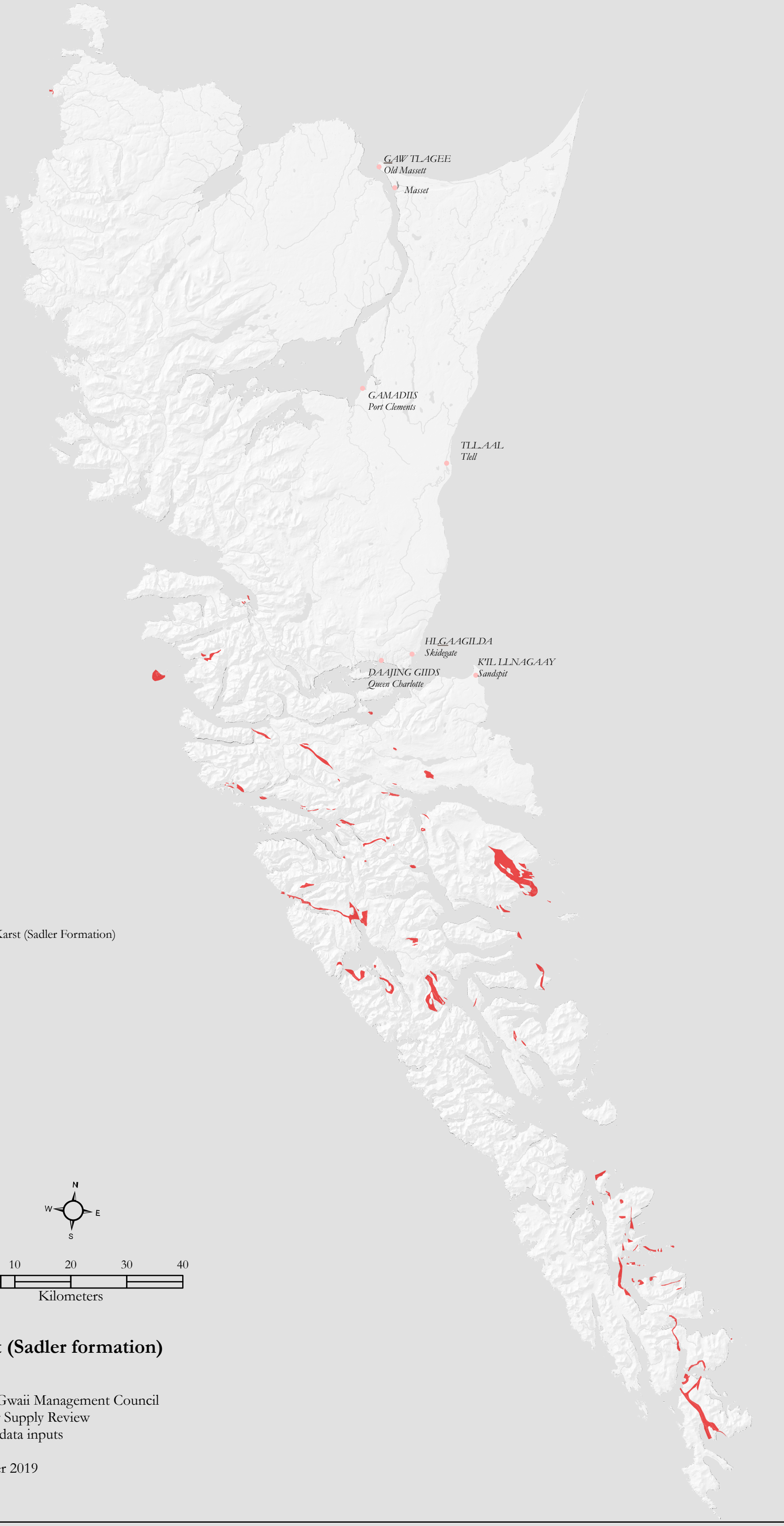
0 5 10 20 30 40

Kilometers

Current in-block retention for Monumental, Yew trees and Traditional Forest Features

Haida Gwaii Management Council
Timber Supply Review
Spatial data inputs

October 2019



Karst (Sadler formation)

Haida Gwaii Management Council
Timber Supply Review
Spatial data inputs

October 2019



Schedule 1 (HGLUOO) Landscape Units

Haida Gwaii Management Council
Timber Supply Review
Spatial data inputs

October 2019

GAW TLAGEE
Old Massett

Masset

GAMADIIS
Port Clements

TLL.AAL
Tlell

HLGAAGILDA
Skidegate

K'IL LLNAGAAY
Sandspit

DAAJING GIIDS
Queen Charlotte

Mosquito Lake Watershed

Slatechuck Creek Watershed

N
W
E
S

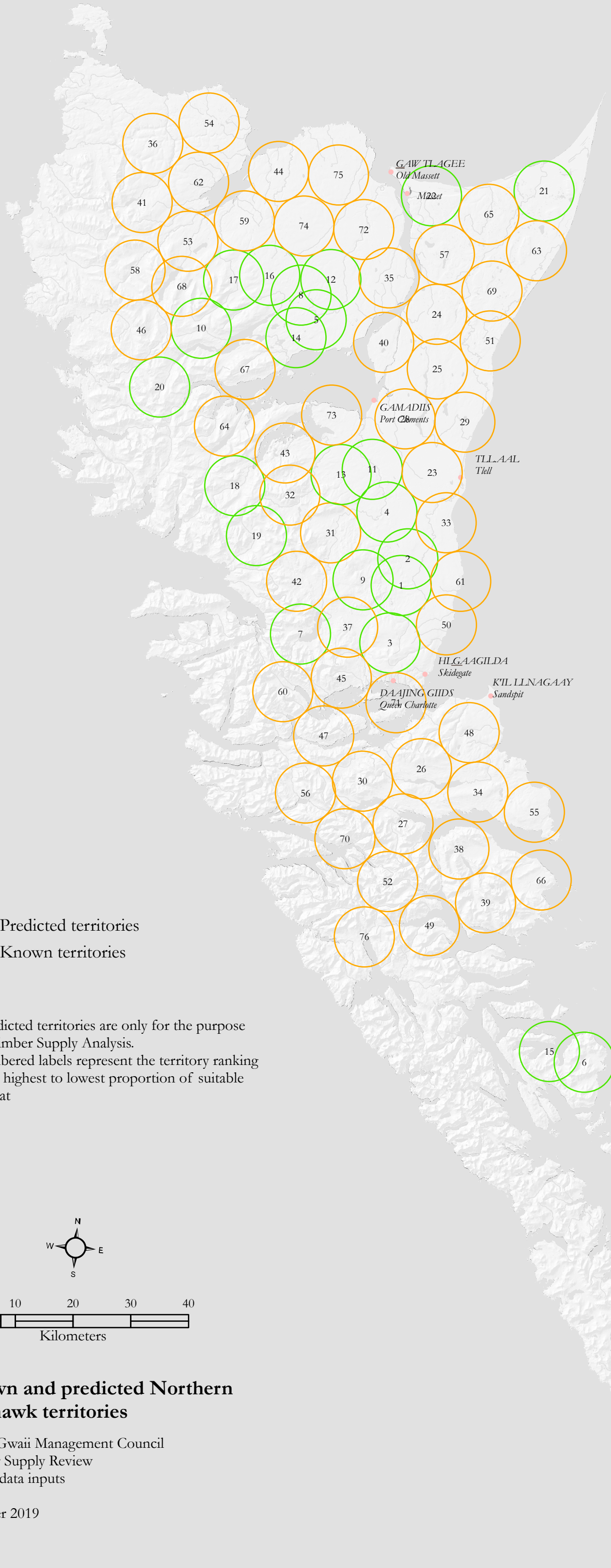
0 5 10 20 30 40

Kilometers

Mosquito lake and Slatechuck creek watersheds

Haida Gwaii Management Council
Timber Supply Review
Spatial data inputs

October 2019



Predicted territories

Known territories

*Predicted territories are only for the purpose of Timber Supply Analysis.
Numbered labels represent the territory ranking from highest to lowest proportion of suitable habitat

N
W E
S

0 5 10 20 30 40
Kilometers

Known and predicted Northern Goshawk territories

Haida Gwaii Management Council
Timber Supply Review
Spatial data inputs

October 2019

GAW TLAGEE
Old Massett

Masset

GAMADIIS
Port Clements

TLL.AAL
Tlell

HLGAAGILDA
Skidegate

K'IL LLNAGAAY
Sandspit

DAAJING GIIDS
Queen Charlotte

Permanent Sample Plots

N
W E
S

0 5 10 20 30 40
Kilometers

Permanent Sample Plots

Haida Gwaii Management Council
Timber Supply Review
Spatial data inputs

October 2019

GAW TLAGEE
Old Massett

Masset

GAMADIIS
Port Clements

TLL.AAL
Tlell

HLGAAGILDA
Skidegate

K'IL LLNAGAAY
Sandspit

DAAJING GIIDS
Queen Charlotte

Sensitive Watersheds

Community Watershed

N
W
E
S

0 5 10 20 30 40

Kilometers

Sensitive watersheds (HGLUOO Schedule 7) and FPRA Community Watersheds

Haida Gwaii Management Council
Timber Supply Review
Spatial data inputs

October 2019

GAW TLAGEE
Old Massett

Masset

GAMADIIS
Port Clements

TLL.AAL
Tlell

HLGAAGILDA
Skidegate

K'IL LLNAGAAY
Sandspit

DAAJING GIIDS
Queen Charlotte

Landslides

N
W E
S

0 5 10 20 30 40
Kilometers

Terrain stability mapping

Haida Gwaii Management Council
Timber Supply Review
Spatial data inputs

October 2019

GAW TLAGEE
Old Massett

Masset

GAMADIIS
Port Clements

TLLAAL
Tlell

HLGAAGILDA
Skidegate

K'IL LLNAGAAY
Sandspit

DAAJING GIIDS
Queen Charlotte

Upland Stream Areas

N
W E
S

0 5 10 20 30 40
Kilometers

Schedule 6 (HGLUOO) Upland Stream Areas

Haida Gwaii Management Council
Timber Supply Review
Spatial data inputs

October 2019

GAW TLAGEE
Old Massett

Masset

GAMADIIS
Port Clements

TLLAAL
Tlell

HLGAAGILDA
Skidegate

K'IL LLNAGAAY
Sandspit

DAAJING GIIDS
Queen Charlotte

Visual Quality Objectives

- Modification
- Partial Retention
- Retention

N
W E
S

0 5 10 20 30 40
Kilometers

Visual Quality Objectives

Haida Gwaii Management Council
Timber Supply Review
Spatial data inputs

October 2019

GAW TLAGEE
Old Massett

Masset

GAMADIIS
Port Clements

TLLAAL
Tlell

HLGAAGILDA
Skidegate

K'IL LLNAGAAY
Sandspit

DAAJING GIIDS
Queen Charlotte

Wildlife Habitat Areas- Core (netdown from THLB)

Wildlife Habitat Areas- Post Fledging Area (Forest Cover Constraint)

N
W E
S

0 5 10 20 30 40

Kilometers

Wildlife Habitat Areas

Haida Gwaii Management Council
Timber Supply Review
Spatial data inputs

October 2019