



MINISTRY OF FORESTS

Mature Timber Volume

available within 3 hours of Kitimat (+ all TFL41 Offshore)

(Area of interest may include inventories from:
TSA 21, TSA10, TSA43, TSA12, TFL1, TFL41)

Scale 1: 300,000

Date Produced: Monday, April 19, 2010

MXD: TSK_Haulspeeds_Kitimat_3hrs.mxd

Map produced by: BCFS Skeena

File: MatureVolWithin3hrsKitimat_20100419_300.pdf

Geomatics Operator: MHOOLE

Projection: NAD_1983_BC_Environment_Albers, Datum: D_North_American_1983

Summary: Mature timber volume (≥ 80 years) available within 3 hours of Kitimat from existing road network (onshore) and all TFL41 offshore roads regardless of time (timber within THLB and within 300m of existing road)

AOI	Vol_Loc	Data	Total
TFL 1	Onshore	Total Volume (m3)	12,328,928
		Average	502
TFL 1 Total Volume (m3)			12,328,928
TFL 1 Average			502
TFL 41	Onshore	Total Volume (m3)	4,655,250
		Average	624
	Offshore	Total Volume (m3)	3,385,854
		Average	652
TFL 41 Total Volume (m3)			8,041,104
TFL 41 Average			636
TSA10	Onshore	Total Volume (m3)	10,736,530
		Average	497
	Offshore	Total Volume (m3)	78,511
		Average	590
TSA10 Total Volume (m3)			10,815,041
TSA10 Average			498
TSA 12	Onshore	Total Volume (m3)	3,094,762
		Average	321
TSA 12 Total Volume (m3)			3,094,762
TSA 12 Average			321
TSA 21	Onshore	Total Volume (m3)	442,030
		Average	654
	Offshore	Total Volume (m3)	16,254
		Average	686
TSA 21 Total Volume (m3)			458,284
TSA 21 Average			596
TSA 42	Onshore	Total Volume (m3)	793,781
		Average	357
TSA 42 Total Volume (m3)			793,781
TSA 42 Average			357
TSA 43	Onshore	Total Volume (m3)	20,294
		Average	208
TSA 43 Total Volume (m3)			20,294
TSA 43 Average			208
Total Total Volume (m3)			35,552,163
Total Average			495

GIS Analysis by: Meg Hoole April 19, 2010

Direction provided by: Mike Folkema

Detail Level = Coarse/Conservative

Datasets:

TFL1 FC: Projected to 2001

TFL41 FC: Projected to 2002

TSA VRI: Projected to 2008

Digital Road Atlas used as base for Road Network

THLB TSKdis ConstraintsErased_20100415 THLB datasets

Assumptions:

Volumes are derived from the clipped FC/VRI polygon attributes.

Road Speeds: Highway = 80kph. All other roads = 30kph.

Assumed that DRA dataset is topologically correct (there may be instances where lines are not snapped together, conversely there may be barriers to some roads which have not been accounted for).

Road status is not accounted for (roads may be deactivated, overgrown, or maintained etc.).

Future roads have not been included, therefore there may be additional volume accessible outside the 300m buffer used, and within 2 hours of the point of delivery.

Road buffer = 300m, used to clip out accessible THLB and FC/VRI.

Volumes tallied for Mature Forest stands only where projected age ≥ 80 .

Forested definition used: NonForest_Desc is Null (alpine and np forest are excluded).

Legend

● Log Delivery Site

— Roads within 3hr drive time to Kitimat

— Roads (Digital Road Atlas)

— Kitimat_ROAD_3hr_Bu300mer

Mature THLB Timber within 300m of existing Road Network

Vol_Loc

Onshore

Offshore

THLB (including immature stands)

Nisga'a Lands

WHSE_TANTALIS.TA_CONSERVANCY_AREAS_SVV

WHSE_TANTALIS.TA_PARK_ECORES_PA_SVV

WHSE_TANTALIS.TA_WILDLIFE_MGMT_AREAS_SVV

WHSE_ADMIN_BOUNDARIES.FADM_TFL Fills and Labels

TFL Number

TFL 1

TFL 41

WHSE_ADMIN_BOUNDARIES.FADM_TSA Fills and Labels

TSA Number

TSA 10 - Kalum

TSA 12 - Kispiox (includes old TSA 42 - Cranberry)

TSA 43 - Nass

TSA 21 - North Coast

TSA 04 - Cassiar