



MINISTRY OF FORESTS
Mature Timber Volume
available within 2 hours of Terrace
(Area of interest includes inventories from:
TSA 21, TSA10, TSA43, TSA12, TFL1, TFL41)



Scale 1: 300,000
0 1.5 3 4.5 6 7.5 9 10.5 12 13.5 15 16.5 18 19.5 21 22.5 24 25.5 27 28.5 30 31.5 33 34.5 36 37.5 39 40.5 42 43.5 45 46.5 48 49.5 51 52.5 54 55.5 57 58.5 60 km

Date Produced: Thursday, January 8, 2010 MXD: TSK_Haulspeeds.mxd
Map produced by: BCTS Skeena File: MatureVolWithin2hrsTerrace_20100108.pdf
Geomatics Operator: MHOOLE
Projection: NAD_1983_BC_Environment_Albers, Datum: D_North_American_1983

Legend

- Log Delivery Site
- Roads within 2hr drive time to Terrace
- Roads (Digital Road Atlas)
- 300m Buffer around existing DRA roads
- Mature THLB Timber within 300m of existing Road Network
- THLB (including immature stands)
- Nisga'a Lands
- Parks and Protected Areas (LRDW)
- TFL 1
- TFL 41
- TSA 10 - Kalum
- TSA 12 - Kispiox (includes old TSA 42 - Cranberry)
- TSA 43 - Nass
- TSA 21 - North Coast
- TSA 04 - Cassiar

Summary: Mature timber volume (~80 years) available within 2 hours of Terrace from existing road network (timber within THLB and within 300m of existing road)

ADJ	Total Volume (m3)	Total Hectares
TFL1	11,858,712	22,407
TFL41	5,164,170	7,942
TSA	14,471,917	31,430
Grand Total	31,494,800	61,779

GIS Analysis by: Meg Hoole, January 7, 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 2005
Digital Road Atlas used as base for Road Network
THLB TSKdis: THLB datasets from TFL1, TFL41, TSA10, TSA12, TSA21 merged into one file

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)

