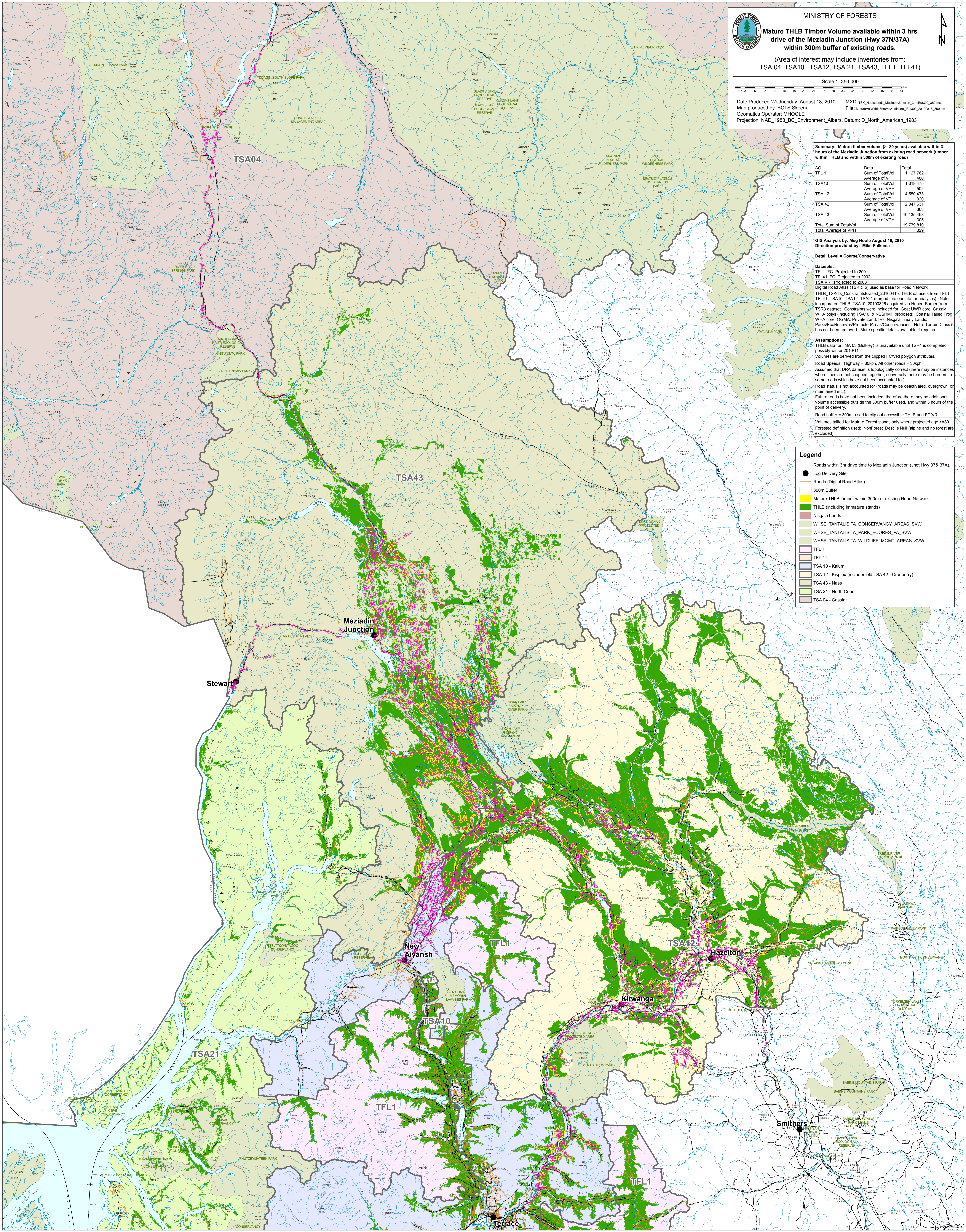






MINISTRY OF FORESTS

Mature THLB Timber Volume available within 3 hrs drive of the Meziadin Junction (Hwy 37N/37A) within 300m buffer of existing roads.

(Area of interest may include inventories from:
TSA 04, TSA10 , TSA12, TSA 21, TSA43, TFL1, TFL41)

Scale 1: 350,000

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

Date Produced: Wednesday, August 18, 2010

Map produced by: BCFS Skeena

Geomatics Operator: MHOOLE

Projection: NAD_1983_BC_Environment_Albers, Datum: D_North_American_1983

MXD: TSK_Hauspeeds_MeziadinJunct_3hrsBuf300_350.mxd

File: MatureVolWithin3hrsMeziadinJunct_Buf300_20100818_350.pdf

Summary: Mature timber volume (>=80 years) available within 3 hours of the Meziadin Junction from existing road network (timber within THLB and within 300m of existing roads)

AOI	Data	Total
TFL 1	Sum of TotalVol	1,127,762
	Average of VPH	409
TSA10	Sum of TotalVol	1,618,475
	Average of VPH	502
TSA 12	Sum of TotalVol	4,550,473
	Average of VPH	420
TSA 42	Sum of TotalVol	2,347,631
	Average of VPH	363
TSA 43	Sum of TotalVol	10,135,466
	Average of VPH	305
Total Sum of TotalVol		19,779,810
Total Average of VPH		329

GIS Analysis by: Meg Hoole August 18, 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 (TSK clip) used as base for Road Network
THLB_TSKs: Constraints used: 20100415: THLB datasets from TFL1, TFL41, TSA10, TSA12, TSA21 merged into one file for analyses). Note: incorporated THLB TSA10_20100325 acquired via Hubert Burger from TSK dataset. Constraints were included for: Coast UWR core, Grizzly WHA poly (including TSA10 & NSSRP proposed), Coastal Tailed Frog WHA core, OGMA, Private Land, IRS, Nisga'a Treaty Lands, Parks/EcoReserves/ProtectedAreas/Conservancies. Note: Terrain Class 5 has not been removed. More specific details available if required.

Assumptions:
THLB data for TSA 03 (Bulkley) is unavailable until TSA4 is completed - possibly winter 2011/12
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 3 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

Roads within 3hr drive time to Meziadin Junction (Jct Hwy 37& 37A).

Log Delivery Site

Roads (Digital Road Atlas)

300m Buffer

Mature THLB Timber within 300m of existing Road Network

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

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