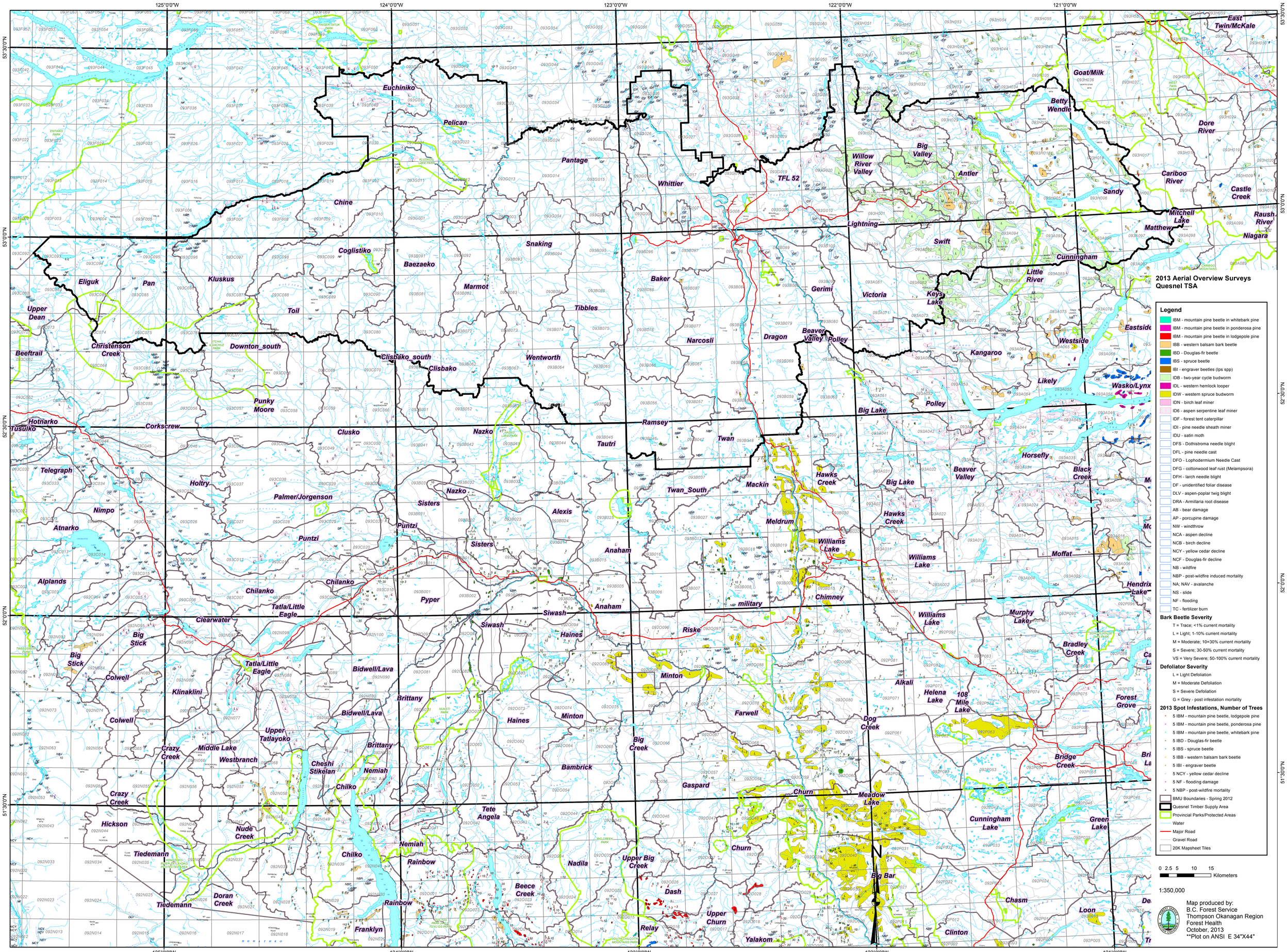
2013 Aerial Overview Surveys
Quesnel TSA
Legend
IBM - mountain pine beetle in whitebark pine
IBM - mountain pine beetle in ponderosa pine
IBM - mountain pine beetle in lodgepole pine
IBB - western balsam bark beetle
IBD - Douglas-fir beetle
IBS - spruce beetle
IBI - engraver beetles (Ips spp)
IDB - two-year cycle budworm
IDL - western hemlock looper
IDW - western spruce budworm
IDN - birch leaf miner
ID6 - aspen serpentine leaf miner
IDF - forest tent caterpillar
IDI - pine needle sheath miner
IDU - satin moth
DFS - Dothistroma needle blight
DFL - pine needle cast
DFO - Lophodermium Needle Cast
DFG - cottonwood leaf rust (Melampsora)
DFH - larch needle blight
DF - unidentified foliar disease
DLV - aspen-poplar twig blight
DRA - Armillaria root disease
AB - bear damage
AP - porcupine damage
NW - windthrow
NCA - aspen decline
NCB - birch decline
NCY - yellow cedar decline
NCF - Douglas-fir decline
NB - wildfire
NBP - post-wildfire induced mortality
NA; NAV - avalanche
NS - slide
NF - flooding
TC - fertilizer burn
Bark Beetle Severity
T = Trace; <1% current mortality
L = Light; 1-10% current mortality
M = Moderate; 10=30% current mortality
S = Severe; 30-50% current mortality
VS = Very Severe; 50-100% current mortality
Defoliator Severity
L = Light Defoliation
M = Moderate Defoliation
S = Severe Defoliation
G = Grey - post infestation mortality
2013 Spot Infestations, Number of Trees
5 IBM - mountain pine beetle, lodgepole pine
5 IBM - mountain pine beetle, ponderosa pine
5 IBM - mountain pine beetle, whitebark pine
5 IBD - Douglas-fir beetle
5 IBS - spruce beetle
5 IBB - western balsam bark beetle
5 IBI - engraver beetle
5 NCY - yellow cedar decline
5 NF - flooding damage
5 NBP - post-wildfire mortality
BMU Boundaries - Spring 2012
Quesnel Timber Supply Area
Provincial Parks/Protected Areas
Water
Major Road
Gravel Road
20K Mapsheet Tiles
0 2.5 5 10 15
Kilometers
1:350,000
Map produced by:
B.C. Forest Service
Thompson Okanagan Region
Forest Health
October, 2013
**Plot on ANSI E 34"X44"
125°0'0"W
124°0'0"W
123°0'0"W
122°0'0"W
121°0'0"W
53°30'0"N
53°0'0"N
52°30'0"N
52°0'0"N
51°30'0"N
Euchiniko
Pelican
Pantage
Whittier
TFL 52
Willow River Valley
Big Valley
Antler
Betty Wendle
Goat/Milk
East Twin/McKale
Dore River
Cariboo River
Castle Creek
Sandy
Mitchell Lake
Matthew
Raush River
Niagara
Lightning
Swift
Cunningham
Little River
Keys Lake
Victoria
Gerimi
Baker
Snaking
Coglistiko
Baezaeko
Marmot
Tibbles
Kluskus
Eliguk
Pan
Upper Dean
Toil
Beeftrail
Christenson Creek
Downton_south
Clisbako_south
Clisbako
Wentworth
Narcosli
Dragon
Beaver Valley
Polley
Kangaroo
Westside
Eastside
Likely
Wasko/Lynx
Punky Moore
Hotnarko
Tusulko
Corkscrew
Clusko
Nazko
Ramsey
Tautri
Twan
Big Lake
Horsefly
Telegraph
Holtry
Palmer/Jorgenson
Sisters
Alexis
Twan_South
Mackin
Hawks Creek
Beaver Valley
Black Creek
Nimpo
Atnarko
Puntzi
Meldrum
Williams Lake
Moffat
Alplands
Chilanko
Pyper
Anaham
military
Chimney
Hendrix Lake
Tatla/Little Eagle
Clearwater
Siwash
Haines
Riske
Murphy Lake
Big Stick
Bradley Creek
Colwell
Bidwell/Lava
Minton
Alkali
Helena Lake
108 Mile Lake
Forest Grove
Klinaklini
Brittany
Farwell
Dog Creek
Upper Tatlayoko
Middle Lake
Westbranch
Cheshi Stikelan
Nemiah
Chilko
Big Creek
Bambrick
Bridge Creek
Crazy Creek
Gaspard
Churn
Meadow Lake
Tete Angela
Hickson
Nude Creek
Cunningham Lake
Green Lake
Tiedemann
Rainbow
Nadila
Upper Big Creek
Big Bar
Beece Creek
Dash
Doran Creek
Franklyn
Relay
Upper Churn
Yalakom
Clinton
Chasm
Loon