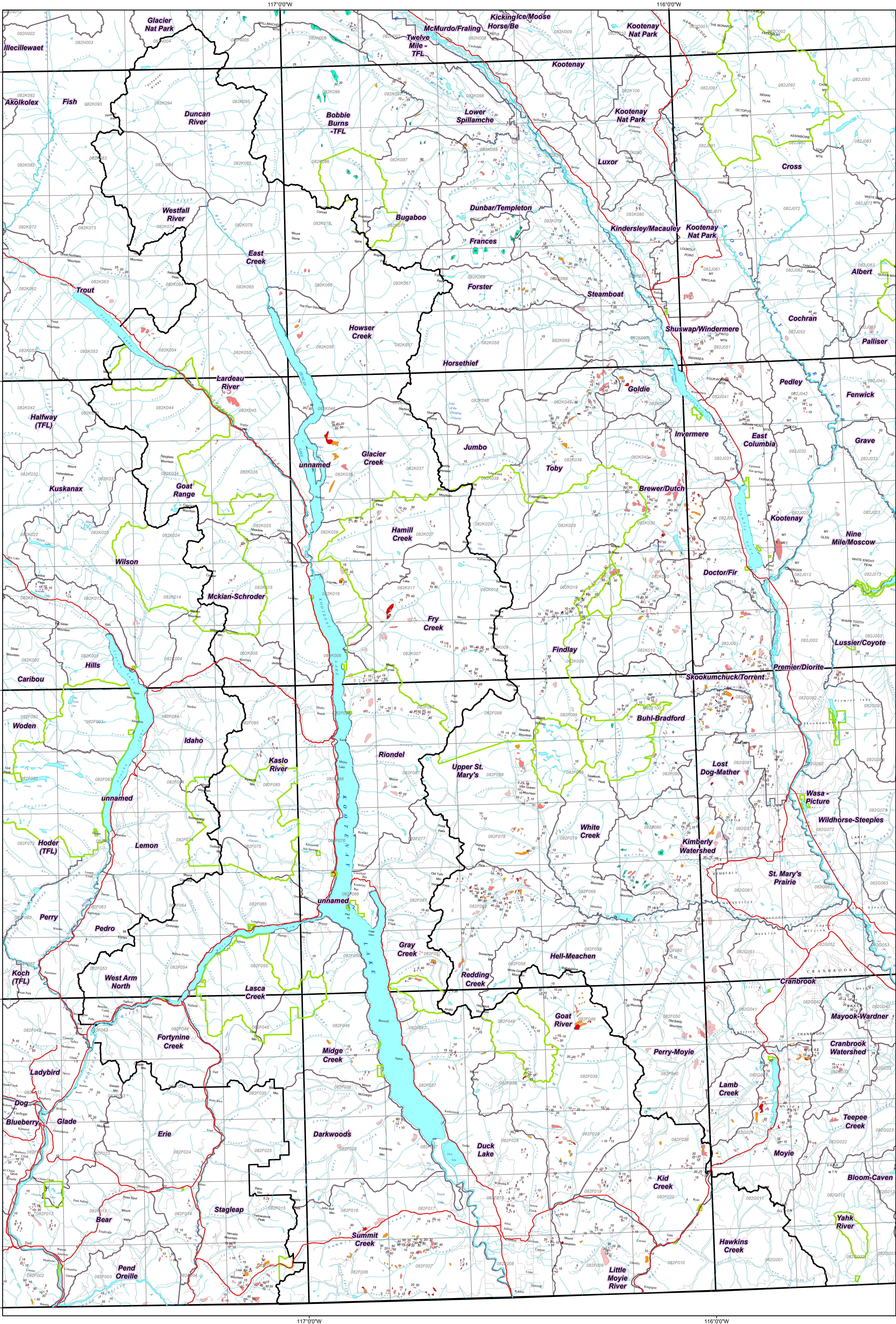




2012 Aerial Overview Surveys
Kootenay Lake TSA
Map #1 - Mountain Pine Beetle Only

- Legend**
- 2012 Polygon Infestations**
- IBM, Very Severe 50-100% red attack
 - IBM, Severe 30-50% red attack
 - IBM, Moderate 10-30% red attack
 - IBM, Light 1-10% red attack
 - IBM, Trace <1% red attack
 - IBM, ponderosa pine
 - IBM, whitebark pine
 - IDT - Douglas-fir tussock moth, current
 - IDT - Douglas-fir tussock moth, tree mortality
 - IBB - western balsam bark beetle
 - IBD - Douglas-fir beetle
 - IBS - spruce beetle
 - IB - secondary bark beetle in young stand
 - IDB - two-year cycle budworm
 - IDL - western hemlock looper
 - IDW - western spruce budworm
 - IDN - birch leaf miner
 - IDS - aspen serpentine leaf miner
 - IDF - forest tent caterpillar
 - IDI - pine needle sheath miner
 - IDC - conifer sawfly
 - IDU - satin moth
 - DFS - Dendroctonus needle blight
 - DFG - cottonwood leaf rust (Melampsora)
 - DFH - larch needle blight
 - DRA - Armillaria root disease
 - AB - bear damage
 - AP - porcupine damage
 - NW - windthrow
 - NCA - aspen decline
 - NCB - birch decline
 - NCY - yellow cedar decline
 - NB - wildfire
 - NBP - post-wildfire induced mortality
 - NA - NAV - avalanche
 - NS - slide
 - NF - flooding
 - NR - red belt
 - NY - snow/ice press
- Polygon Infestations**
- Defoliator Severity**
- G = Grey - mortality
 - L = Light Defoliation
 - M = Moderate Defoliation
 - S = Severe Defoliation
- Polygon Infestations**
- Bark Beetle Severity**
- T = Trace <1%
 - L = Light 1-10%
 - M = Moderate 10-30%
 - S = Severe 30-50%
 - VS = Very Severe 50-100%
- 2012 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 IBM - mountain pine beetle, western white pine
 - 5 IBD - Douglas-fir beetle
 - 5 IBS - spruce beetle
 - 5 IBB - western balsam bark beetle
 - 5 NCY - yellow cedar decline
- BMU Boundaries - Spring 2012
Kootenay Lake TSA
Provincial Parks/Protected Areas
Water
Major Road
Gravel Road
20K Mapsheet Tiles

0 2.5 5 10 15 Kilometers

1:225,000



Map produced by:
B.C. Forest Service
Thompson Okanagan Region
Forest Health
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