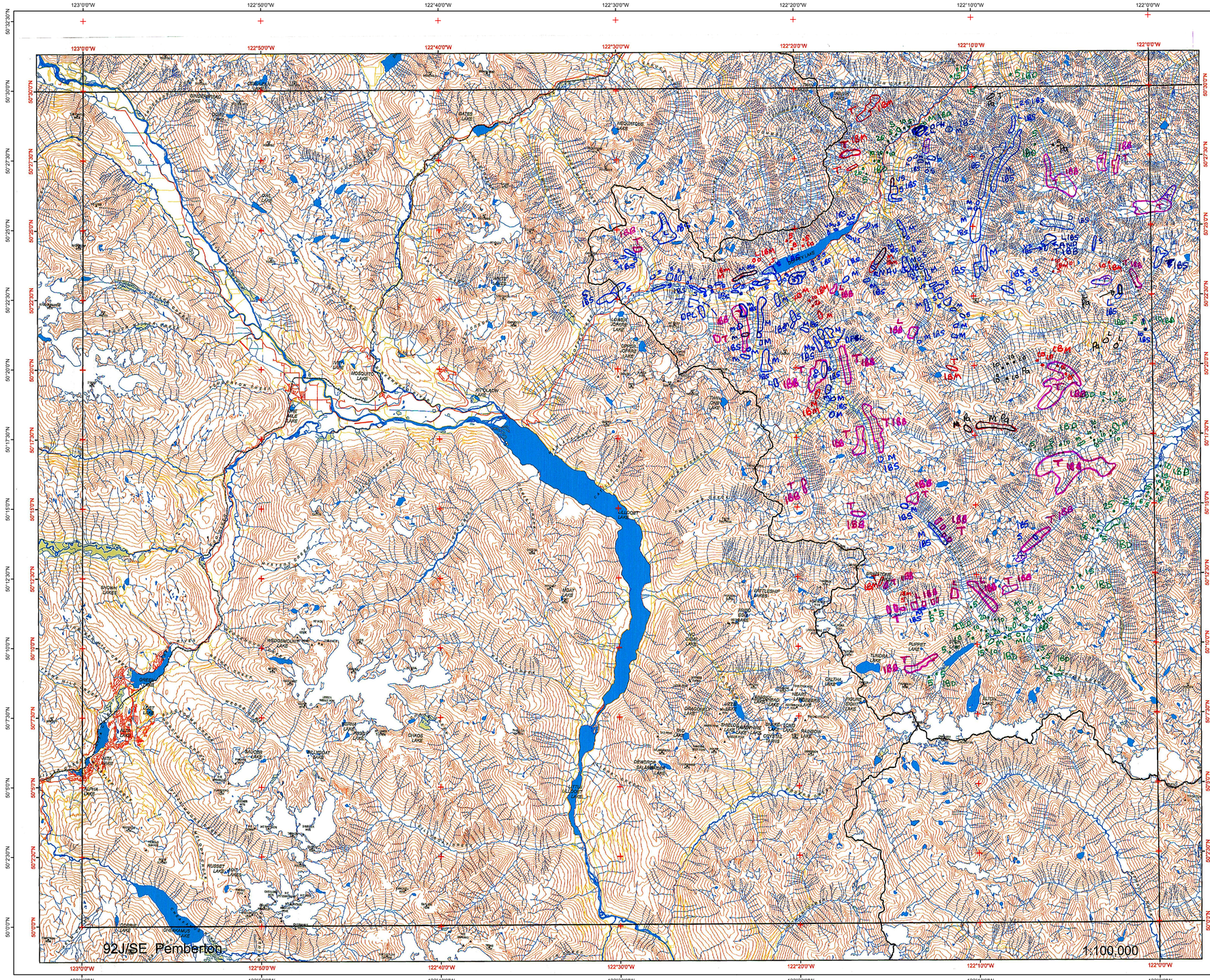

Ministry of Forests, Lands and Natural Resource Operations

92J/SE Pemberton

2017 Aerial Overview Surveys

Pest Information Legend – Kamloops, Okanagan Shuswap, Lillooet, and Merritt TSAs

Map symbology:

- IBM or *10 IBM..... mountain pine beetle, mature lodgepole pine
- IBMv or *10 IBMv... mountain pine beetle, immature lodgepole pine
- Py or *10 Py..... ponderosa pine mortality *
- Pw or *10 Pw..... whitebark pine mortality **
- Pa or *10 Pa..... western white pine mortality ***
- IBD or *10 IBD..... Douglas-fir beetle
- IBb or *10 IBb..... western balsam bark beetle
- IBS or *10 IBS..... spruce beetle
- IBW or *10 IBW... western pine beetle
- IDW..... western spruce budworm
- IDB..... two-year cycle spruce budworm
- IDT..... Douglas-fir tussock moth
- IDL..... aspen serpentine leaf miner
- IDN..... birch leaf miner
- IDL..... western hemlock looper
- IDL..... pine needle sheath miner
- IDU..... satin moth
- DFH..... larch needle blight (Hypodermella laricis)
- DFM..... larch needle cast (Meria laricis)
- DF..... pine needle cast
- DWL..... Dothistroma needle blight
- NB..... wildfire
- MW..... windthrow
- NN avalanche

* ponderosa pine mortality due to other mountain pine beetle or western pine beetle (majority mountain pine beetle).
**whitebark pine mortality due to mountain pine beetle.
***western white pine mortality due to mountain pine beetle.

Polygon Infestation Severity Ratings:

Bark Beetles/Abiotic Mortality:
T = trace <1% red attack
L = light 1-10% red attack
M = moderate 11-20% red attack
S = severe 30-50% red attack
VS = very severe 50-100% red attack

Defoliators/Foliar Diseases
L = light current defoliation
M = moderate current defoliation
S = severe current defoliation
Gr = grey/mortality

Spot Infestation Ratings:
For areas of mortality less than 0.5 ha or less than 50 trees:
- 10 IBM = location of infestation, with estimated number of affected trees.

Aerial Survey Dates: JULY 31, 2017
Weather Conditions: SUNNY
Aerial Surveyors: K. Buxton J. Hodge

Ministry of Forests, Lands, and Natural Resource Operations
Thompson Okanagan Region, Kamloops, B.C.
Note: this map represents preliminary data only; final digital data will be available in the fall from the Resource Practices Branch.

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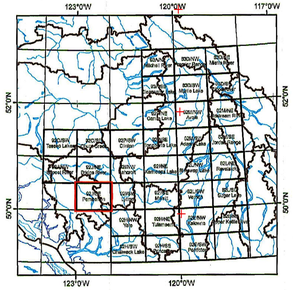
Map produced by:
BC Ministry of Forests, Lands,
and Natural Resource Operations
Thompson Okanagan Region
Forest Health Program

Legend
- Contour - Index - 100 metre
- Paved road
- Airfield; Airport; Airstrip
- gravel/secondary road
- Trail, Skid Trail
- Rail Line
- Water - Lines (20K)
- Mine - Tailing Pond
- Lake - Definite
- Reservoir - Definite
- Tree Farm Licence

N

1:100,000

0 2 4 6 8 Km

Map Location: