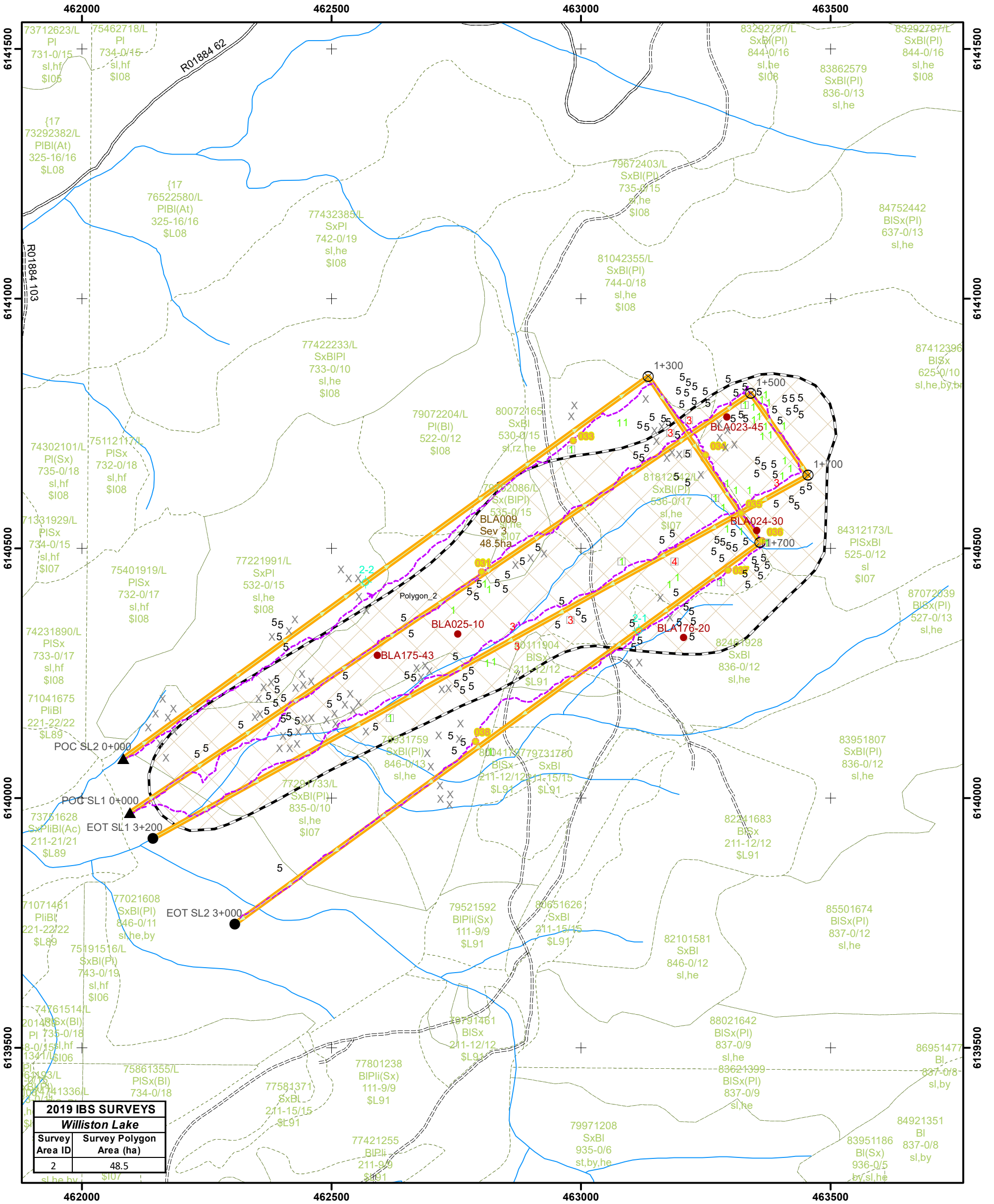




2019 IBS SURVEYS	
Williston Lake	
Survey Area ID	Survey Polygon Area (ha)
2	48.5



Ministry of
Forests, Lands, Natural
Resource Operations
and Rural Development

2019 Spruce Beetle Survey

Polygon 2

Mackenzie Natural Resource District

Location: Williston Lake
Map Reference: 930.043

Zone 10 E462,823 N6,140,391
55°24'30.09"N 123°35'13.79"W

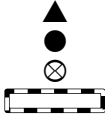


0 75 150 225 300
metres

UTM10, NAD83
Scale: 1:7 500

Date: 17 January 2020

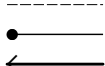
File: ..\NAZCA\2019\BEETLE_MAPS\Mackenzie_Blackwater_Ground\IMXD
Mackenzie_IBS\Ground_Poly2.MXD



POC
EOT
COD/STN
Survey Polygon



Gravel Road
Forest Service Road
Local Road/Highway
Trail



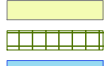
Transmission Line
Pipeline
Watercourse



Contours
Index - 100m Interval
Intermediate - 20m Interval



VRI
RESULTS Free Growing
RESULTS Approved
RESULTS Reserve



Waterbody
Spot Point

Probe Section
Strip Line/Direction
GPS Route

BC Government Pest Data

BCGW - Pest Infestation Points
✕ IBM (Pine Attack)
■ IBD (Douglas-fir Attack)
● IBS (Spruce Attack)

BCGW - Pest Infestation Severity
IBS - Spruce Beetle
Medium
Severe

Helicopter Survey - 2019
Infest Polygon
Spot Point

IBS GRID PROBE SURVEYS

INFESTATION CODES

NUMBER	YEAR OF ATTACK
1 or 2	2019
3 or 4	2018
5 or 6	2017 or Older

PO Pitch Out
Uninfested Blowdown
Infested Blowdown
Old Grey Dead
Multilayer Inventory Plot
Bark Patch Modifier
Infest Centre/##



NAZCA CONSULTING LTD.

Nelson, BC
(250) 354-2069