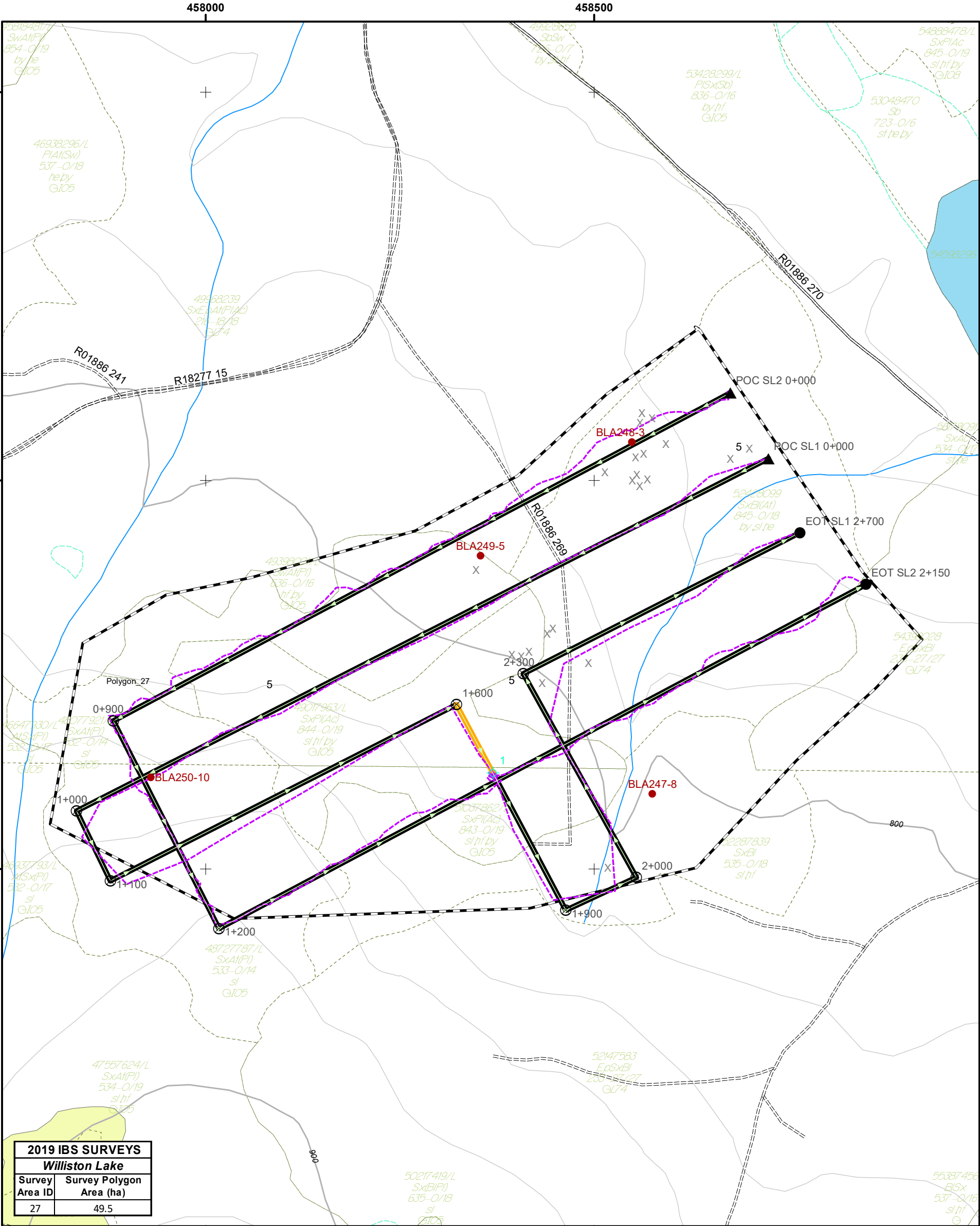






Ministry of
Forests, Lands, Natural
Resource Operations
and Rural Development

2019 Spruce Beetle Survey

Polygon 27

Mackenzie Natural Resource District

Location: Williston Lake
Map Reference: 93O.042, 93O.052

Zone 10 E458,367 N6,150,815

55°30'5.98"N 123°39'32.72"W



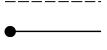
0 50 100 150 200
metres
UTM10, NAD83
Scale: 1:5 000



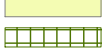
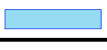
Date: 09 March 2020
File: ..\NAZCA\2019\BEETLE_MAPS\Mackenzie_Blackwater_Ground\IMXD
Mackenzie_IBSGround_Poly27.MXD



POC
EOT
COD/STN
Survey Polygon



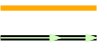
Gravel Road
Forest Service Road
Local Road/Highway
Trail
Transmission Line
Pipeline
Watercourse



Contours
Index - 100m Interval
Intermediate - 20m Interval



VRI
RESULTS Free Growing
RESULTS Approved
RESULTS Reserve
Waterbody



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 HYBRID WALKTHROUGH SURVEYS

INFESTATION CODES

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



1 Year Cycle Modifier
Uninfested Blowdown
Infested Blowdown
Old Grey Dead
Multilayer Inventory Plot



Bark Patch Modifier
Infest Centre/##
Pitch Out



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