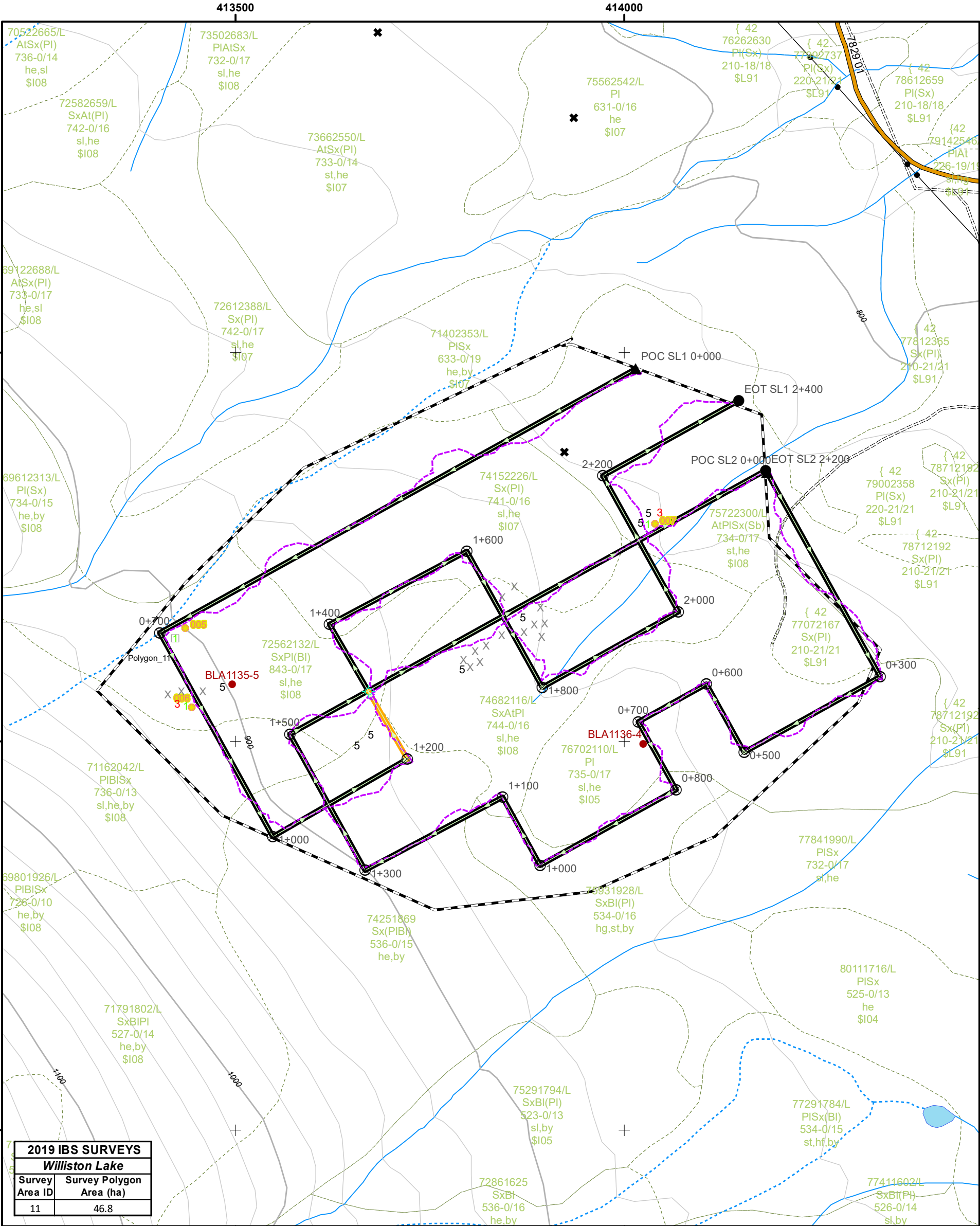




2019 IBS SURVEYS	
Williston Lake	
Survey Area ID	Survey Polygon Area (ha)
11	46.8



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

2019 Spruce Beetle Survey

Polygon 11

Mackenzie Natural Resource District

Location: Williston Lake
Map Reference: 94C.009

Zone 10 E413,828 N6,210,651
56°1'59.97"N 124°22'58.48"W

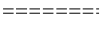
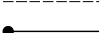


0 50 100 150 200
metres
UTM10, NAD83
Scale: 1:5 000

Date: 19 January 2020
File: ..\NAZCA\2019\BEETLE_MAPS\Mackenzie_Blackwater_Ground\IMXD
Mackenzie_IBSGround_Poly11.MXD



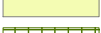
POC
EOT
COD/STN
Survey Polygon



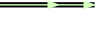
Gravel Road
Forest Service Road
Local Road/Highway
Trail
Transmission Line
Pipeline
Watercourse



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

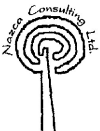
NUMBER	YEAR OF ATTACK
1 or 2	2019
3 or 4	2018
5 or 6	2017 or Older



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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