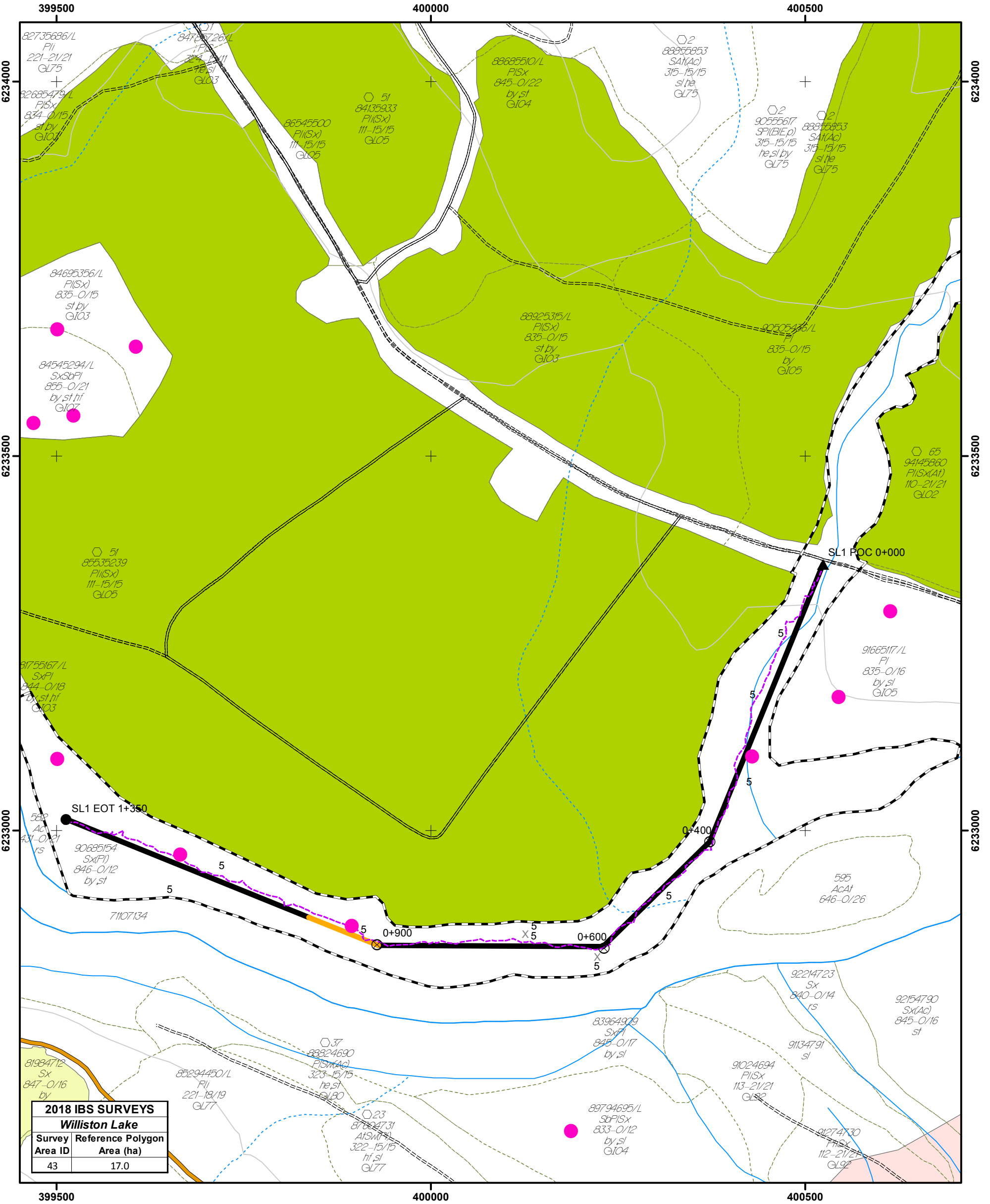




2018 IBS SURVEYS	
Williston Lake	
Survey Area ID	Reference Polygon Area (ha)
43	17.0



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

2018 Spruce Beetle Survey

Polygon 43
Mackenzie Natural Resource District

Location: Williston Lake
Map Reference: 94C.027

Zone 10 E400,080 N6,233,304
56°14'2.79"N 124°36'43.03"W



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

Date: 14 January 2019
File: ..\NAZCA\2018\BEETLE_MAPS\Mackenzie\Ominica_Blackwater\MXD
\\2018_IBS_Poly43.MXD



POC



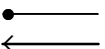
EOT



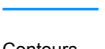
COD/STN



Reference Polygon



Gravel Road



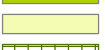
Forest Service Road



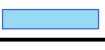
Paved Road/Highway



Trail



Transmission Line



Pipeline



Watercourse

Contours



Index - 100m Interval

Intermediate - 20m Interval

VRI

RESULTS Free Growing

RESULTS Disturbed/Harvested

RESULTS Reserve

Waterbody

Pest Infestation Points

- ✖ IBM (Pine Attack - PI)
- ★ IBM (Pine Attack - Pa)
- IBD (Douglas-fir Attack - Fd)
- IBS (Spruce Attack - Sx)

Pest Infestation Severity IBS - Spruce Beetle

- Medium
- Severe

IBS HYBRID WALKTHROUGH SURVEYS

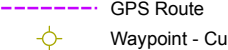
INFESTATION CODES

NUMBER	YEAR OF ATTACK
1 or 2	2018
3 or 4	2017
5 or 6	2016 or Older

P.O. Pitch Out



Probe Section



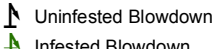
Strip Line



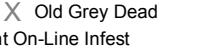
GPS Route



Waypoint - Current On-Line Infest



Uninfested Blowdown



Infested Blowdown



Old Grey Dead



NAZCA CONSULTING LTD.
Nelson, BC
(250) 354-2069