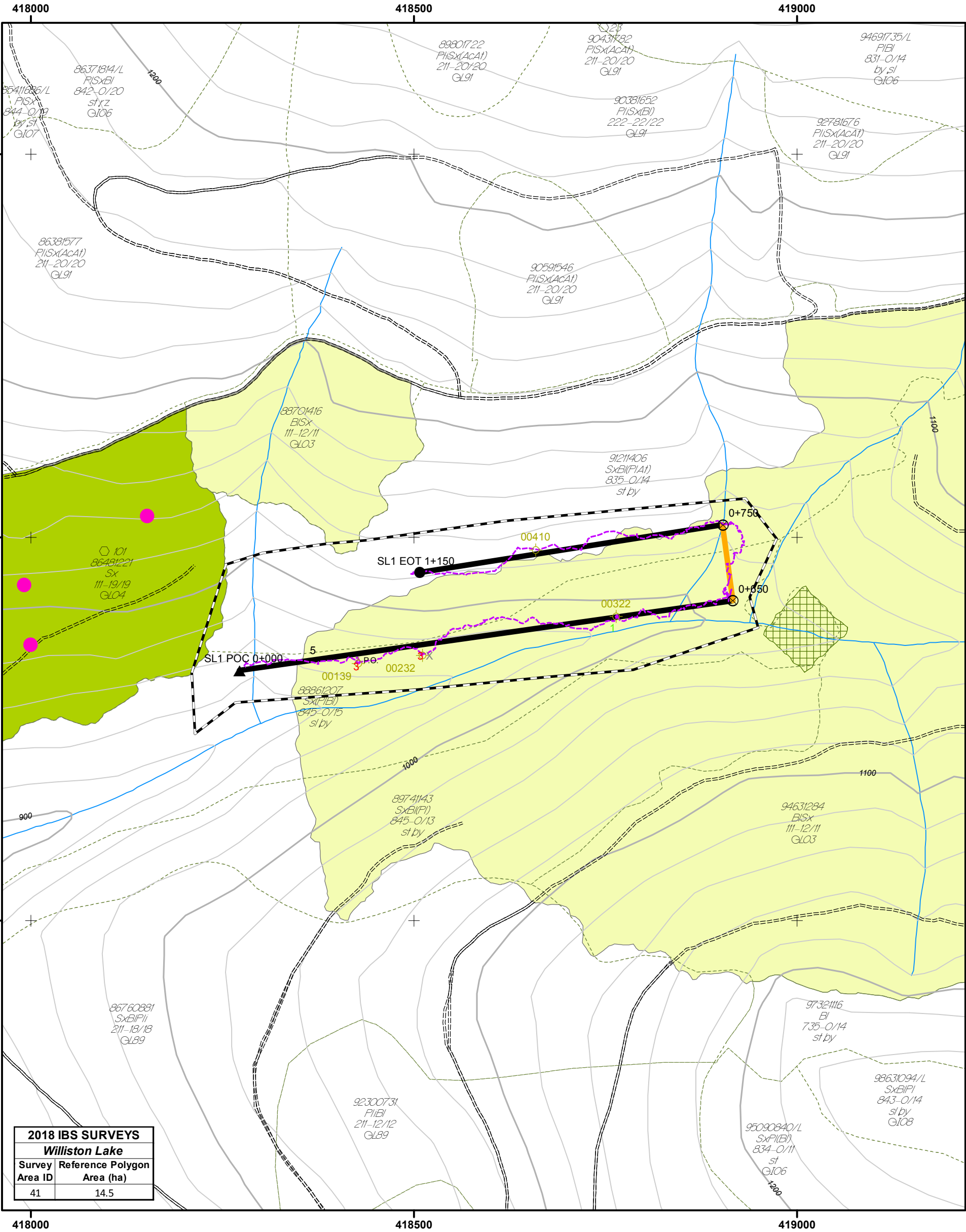




2018 IBS SURVEYS	
Williston Lake	
Survey Area ID	Reference Polygon Area (ha)
41	14.5



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

2018 Spruce Beetle Survey

Polygon 41
Mackenzie Natural Resource District

Location: Williston Lake
Map Reference: 94C.049

Zone 10 E418,591 N6,259,897
56°28'35.37"N 124°19'17.97"W



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

Date: 15 January 2019
File: ..\NAZCA\2018\BEETLE_MAPS\Mackenzie\Ominica_Blackwater\MXD
\\2018_IBS_Poly41.MXD



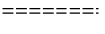
POC



EOT



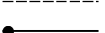
COD/STN



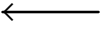
Reference Polygon



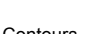
Gravel Road



Forest Service Road



Paved Road/Highway



Trail



Transmission Line

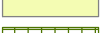


Pipeline



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

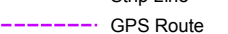
NUMBER	YEAR OF ATTACK
1 or 2	2018
3 or 4	2017
5 or 6	2016 or Older

P.O. Pitch Out



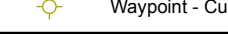
Probe Section

Strip Line



Strip Line

GPS Route



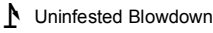
GPS Route

Waypoint - Current On-Line Infest



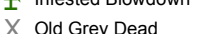
Waypoint - Current On-Line Infest

Uninfested Blowdown



Uninfested Blowdown

Infested Blowdown



Infested Blowdown

Old Grey Dead



Old Grey Dead



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