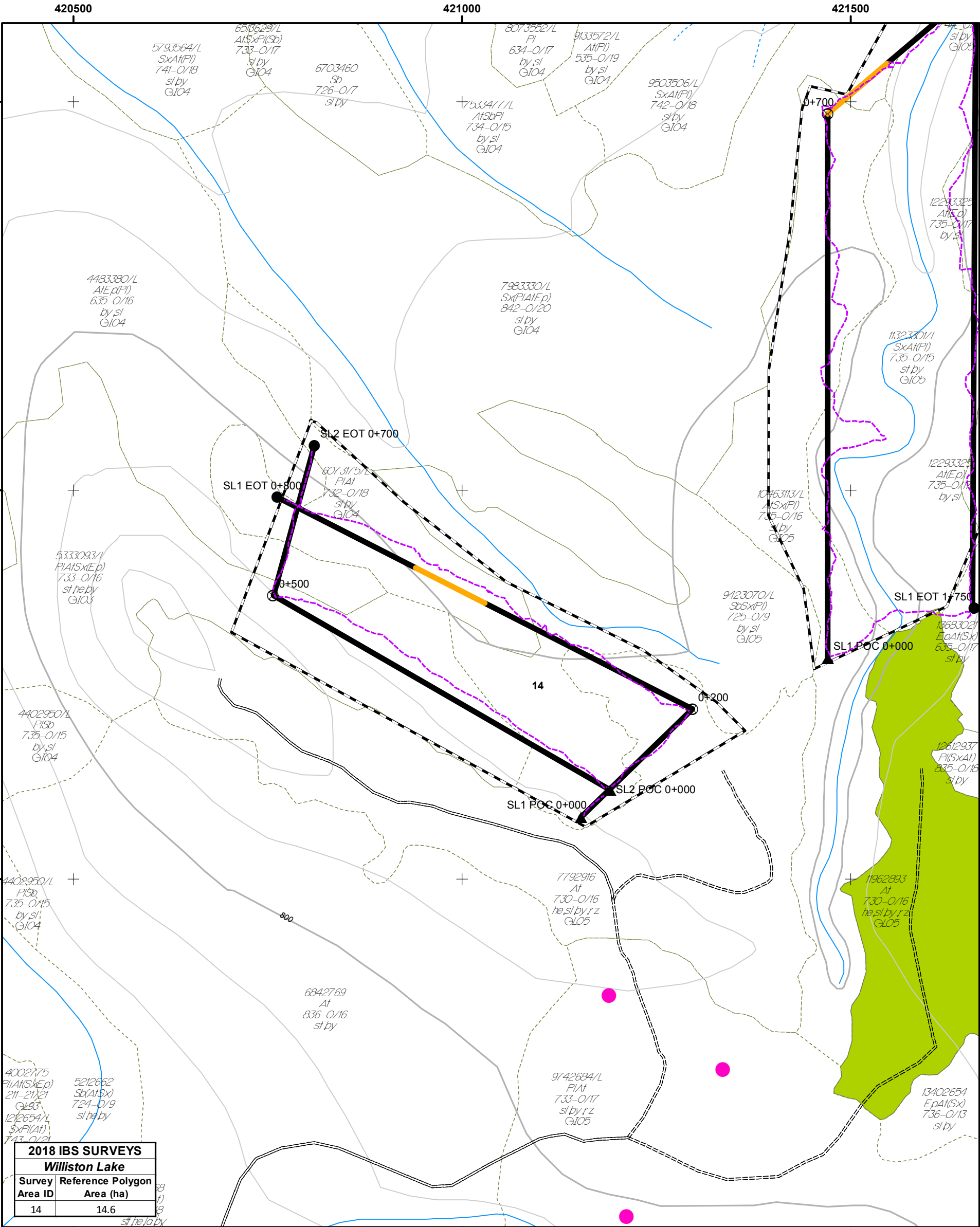






Ministry of  
Forests, Lands, Natural  
Resource Operations  
and Rural Development

2018 Spruce  
Beetle Survey

Polygon 14

Mackenzie Natural Resource District

Location: Williston Lake

Map Reference: 94C.039

Zone 10 E421,037 N6,245,827

56°21'1.90"N 124°16'39.79"W



489-0005

Date: 11 January 2019

File: ..\NAZCA\2018\BEEBLE\_MAPS\Mackenzie\Ominica\_Blackwater\WDX

2018\_IBS\_Poly14.MXD



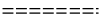
POC



EOT



COD/STN



Reference Polygon



Gravel Road



Forest Service Road



Paved Road/Highway



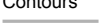
Trail



Transmission Line



Pipeline



Watercourse



Contours



Index - 100m Interval



Intermediate - 20m Interval



VRI



RESULTS Free Growing



RESULTS Disturbed/Harvested



RESULTS Reserve



Waterbody



IBM (Pine Attack - PI)



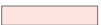
IBM (Pine Attack - Pa)



IBD (Douglas-fir Attack - Fd)



IBS (Spruce Attack - Sx)



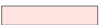
Medium



Severe

Pest Infestation Severity

IBS - Spruce Beetle



Medium



Severe

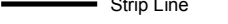
IBS HYBRID WALKTHROUGH  
SURVEYS

INFESTATION CODES

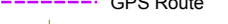
| NUMBER | YEAR OF ATTACK |
|--------|----------------|
| 1 or 2 | 2018           |
| 3 or 4 | 2017           |
| 5 or 6 | 2016 or Older  |



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