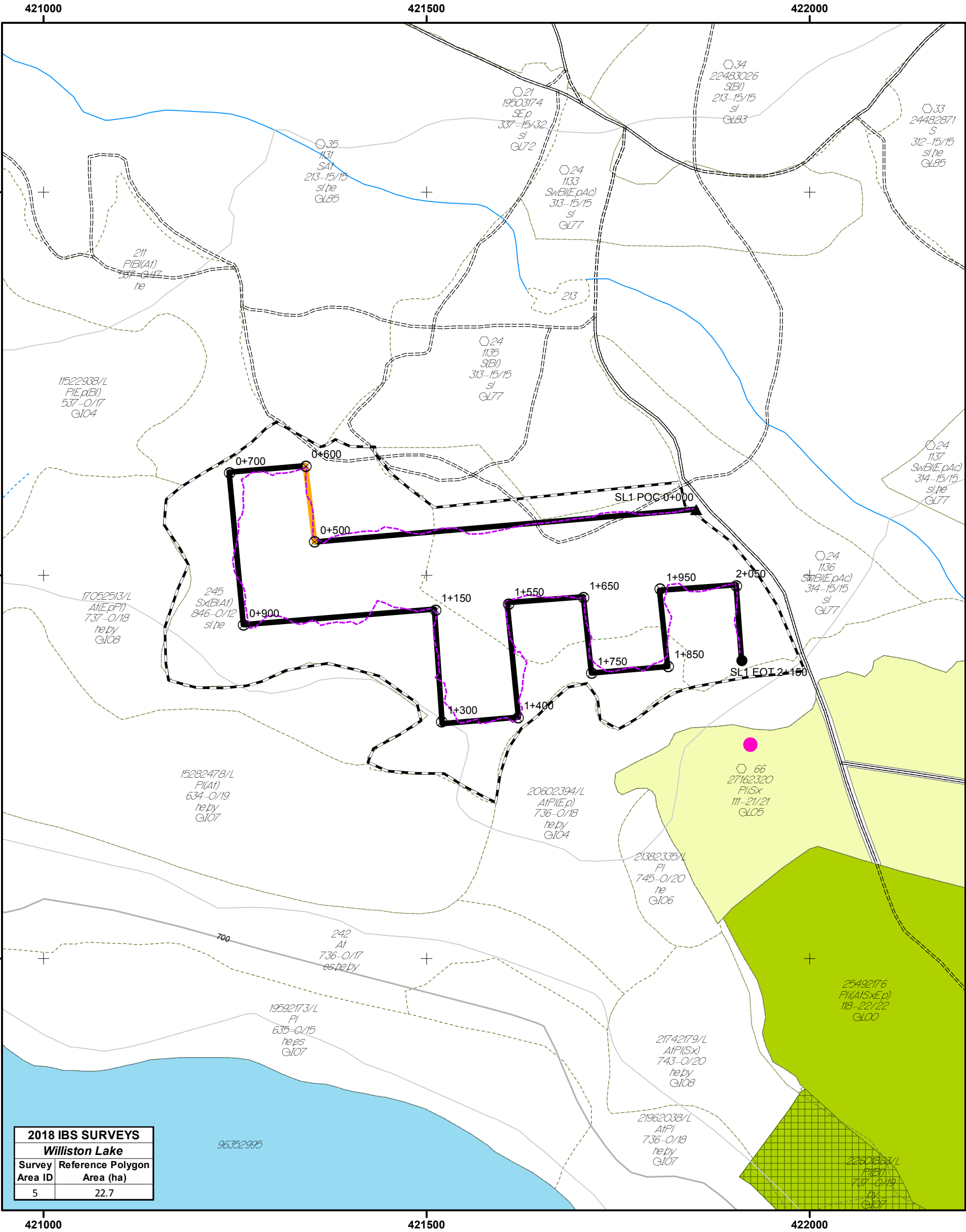






Ministry of  
Forests, Lands, Natural  
Resource Operations  
and Rural Development

### 2018 Spruce Beetle Survey

Polygon 5  
Mackenzie Natural Resource District

Location: Williston Lake  
Map Reference: 94C.009

Zone 10 E421,575 N6,210,946  
56°2'14.30"N 124°15'31.38"W



Date: 10 January 2019  
File: ..\NAZCA\2018\BEETLE\_MAPS\Mackenzie\Ominica\_Blackwater\MXD  
\\2018\_IBS\_Poly5.MXD



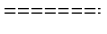
POC



EOT



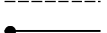
COD/STN



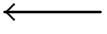
Reference Polygon



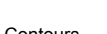
Gravel Road



Forest Service Road



Paved Road/Highway



Trail



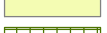
Transmission Line



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  |

Probe Section  
Strip Line  
GPS Route  
Waypoint - Current On-Line Infest

Uninfested Blowdown  
Infested Blowdown  
Old Grey Dead



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