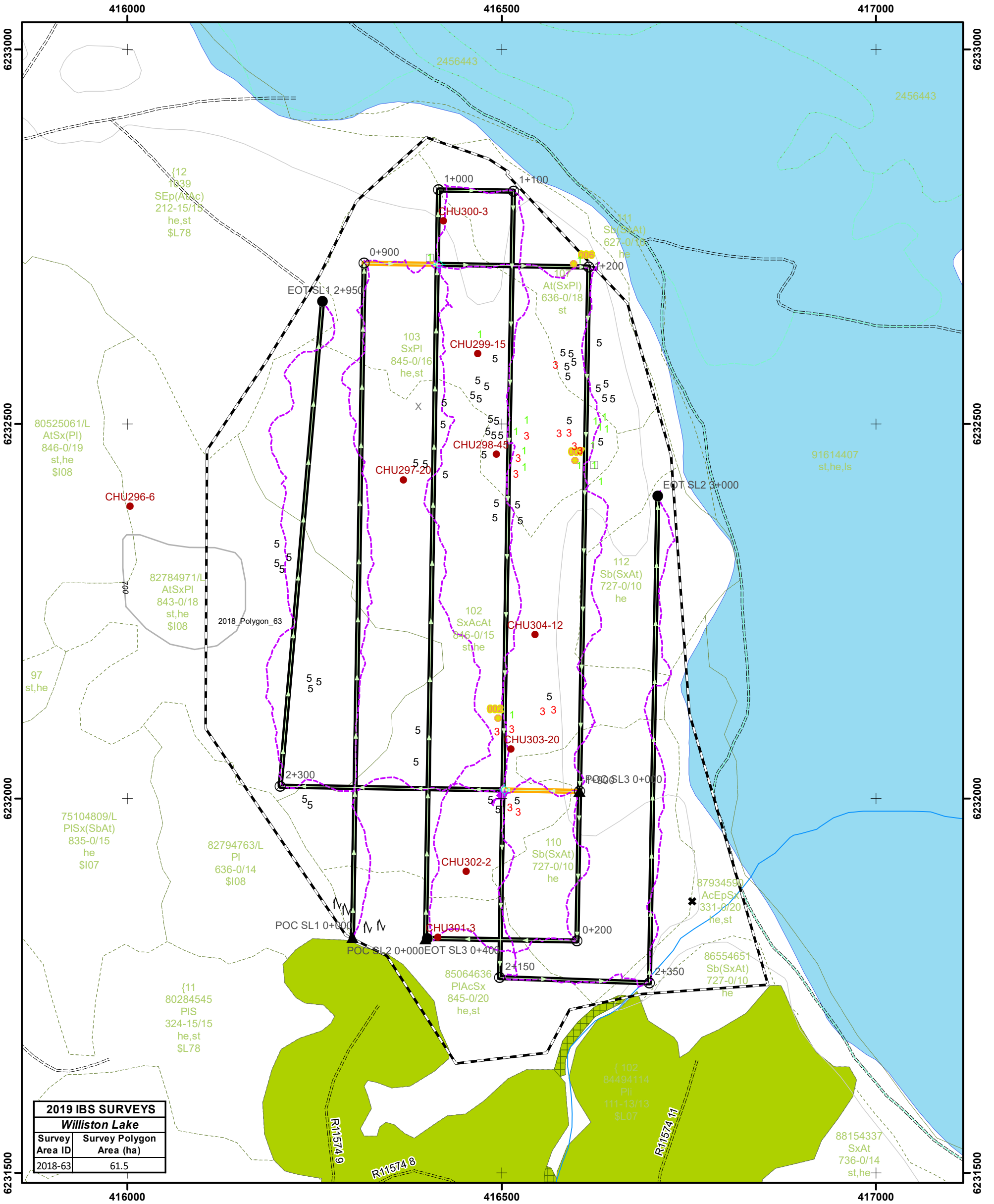




| 2019 IBS SURVEYS |                          |
|------------------|--------------------------|
| Williston Lake   |                          |
| Survey Area ID   | Survey Polygon Area (ha) |
| 2018-63          | 61.5                     |

### 2019 Spruce Beetle Survey

Polygon 2018-63  
Mackenzie Natural Resource District

Location: Williston Lake  
Map Reference: 94C.029

Zone 10 E416,488 N6,232,261  
56°13'40.46"N 124°20'49.25"W

Date: 16 January 2020  
File: ..\NAZCA\2019\BEEBLE\_MAPS\Mackenzie\_Blackwater\_Ground\IMXD  
Mackenzie\_IBSGround\_Poly2018-63.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

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  |

PO Pitch Out

Uninfested Blowdown

Infested Blowdown

Old Grey Dead

Multilayer Inventory Plot

Bark Patch Modifier

Infest Centre/#

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