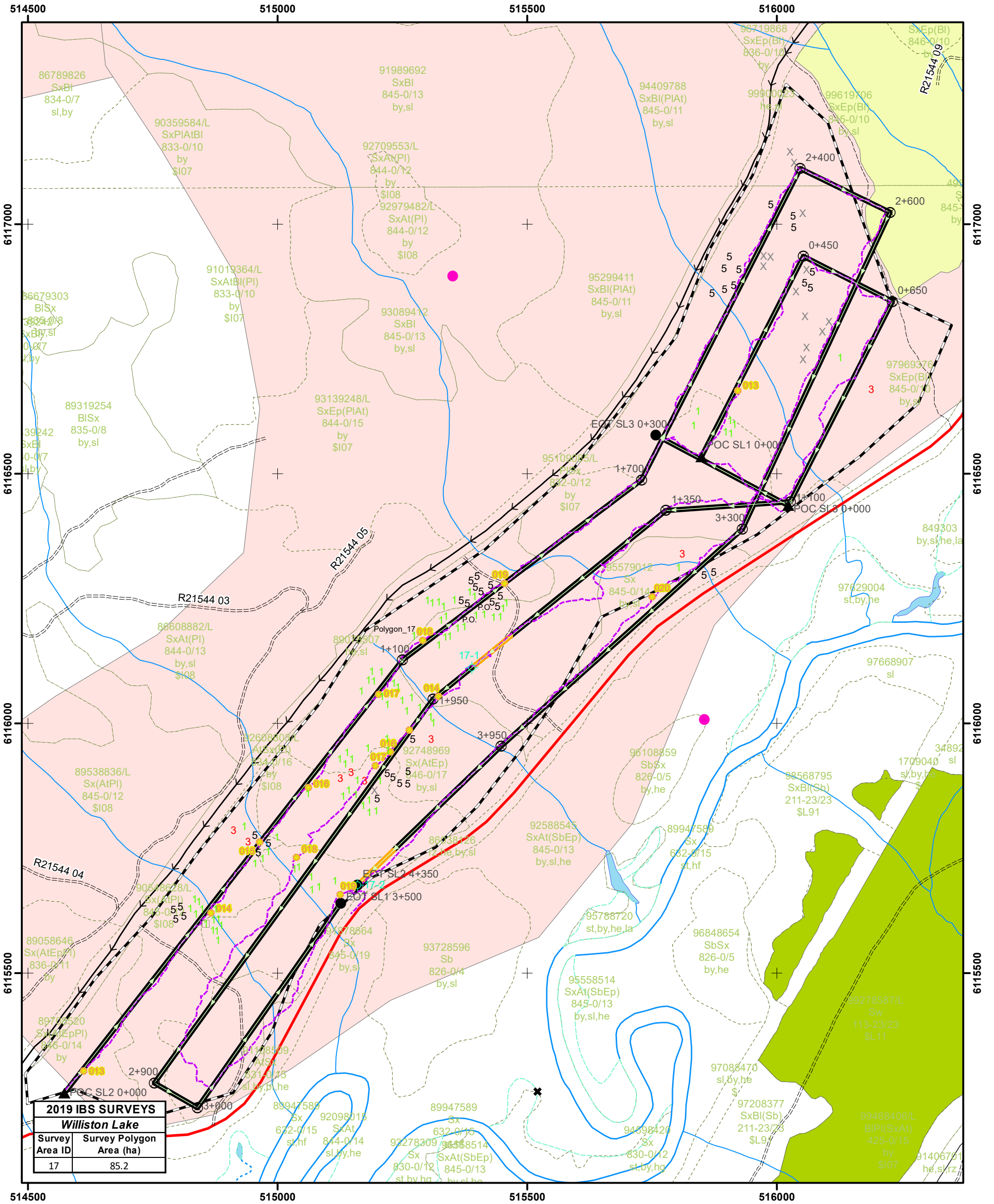




2019 IBS SURVEYS	
Williston Lake	
Survey Area ID	Survey Polygon Area (ha)
17	85.2

2019 Spruce Beetle Survey
Polygon 17
Mackenzie Natural Resource District

Location: Williston Lake
Map Reference: 930.017, 930.027

Zone 10 E515,430 N6,116,242
55°11'33.08"N 122°45'27.43"W

0 75 150 225 300 metres
UTM10, NAD83
Scale: 1:7 500

Date: 25 January 2020
File: ..\NAZCA\2019\BEETLE_MAPS\Mackenzie_Blackwater_Ground\IMXD
Mackenzie_IBSGround_Poly17.IMXD

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

1 Year Cycle Modifier
Uninfested Blowdown
Infested Blowdown
Old Grey Dead
Multilayer Inventory Plot

Bark Patch Modifier
Infest Centre/##
Pitch Out

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