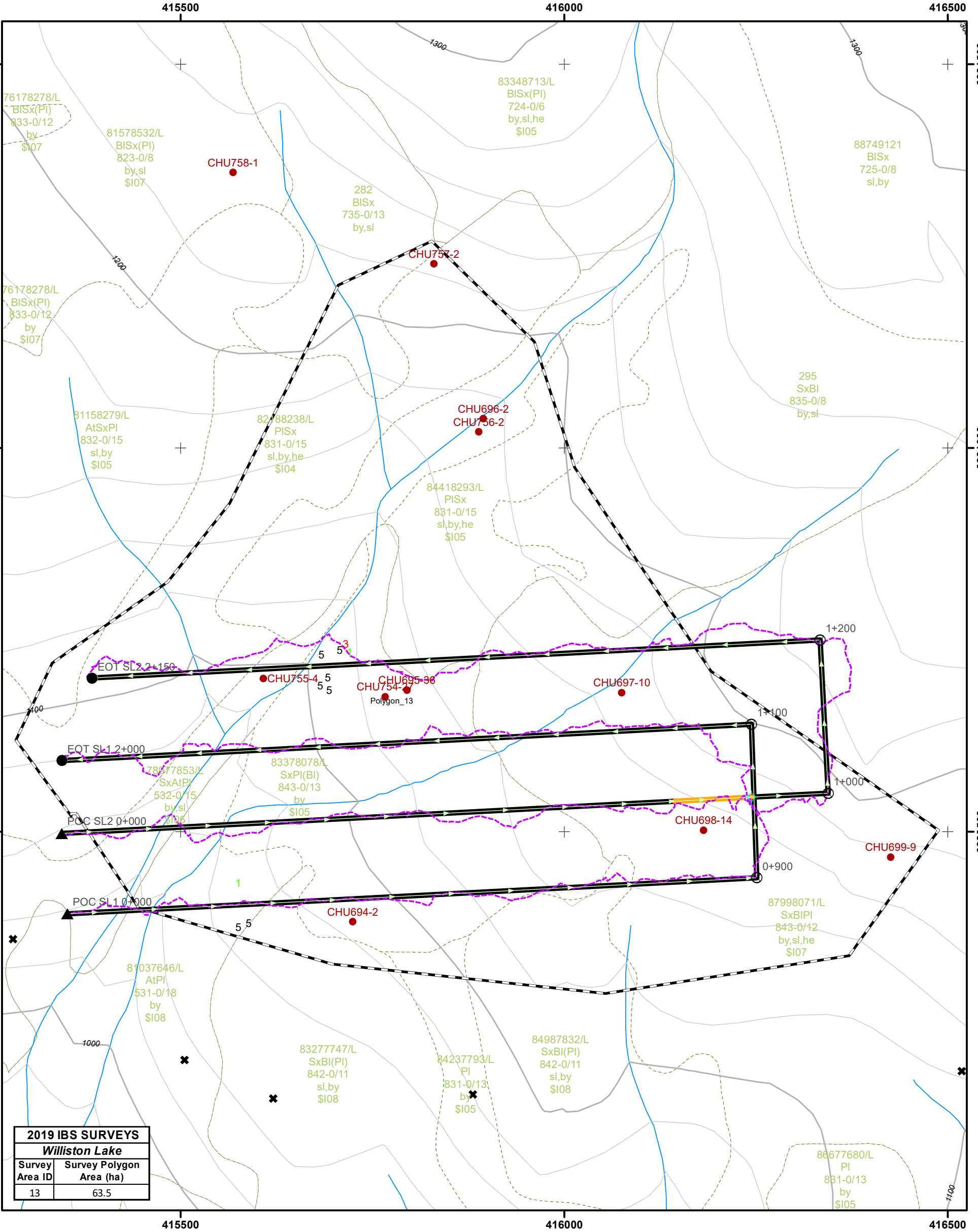






Ministry of
Forests, Lands, Natural
Resource Operations
and Rural Development

2019 Spruce
Beetle Survey

Polygon 13

Mackenzie Natural Resource District

Location: Williston Lake

Map Reference: 94C.019

Zone 10 E415,896 N6,220,781

56°7'28.87"N 124°21'10.52"W



Date: 19 January 2020

File: ..\NAZCA\2019\BEETLE_MAPS\Mackenzie_Blackwater_Ground\IMXD

Mackenzie_IBSGround_Poly13.MXD

0100150200

metres

UTM10, NAD83

Scale: 1:5 000

N

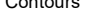




POC
EOT
COD/STN
Survey Polygon



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



Probe Section
Strip Line/Direction
GPS Route

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



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