Provincial Organizations' Use of ParcelMap BC

Organized by:

ParcelMap BC Adoption Working Group

December 7th, 2022

Part of the ICI Society's Virtual Café series

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Agenda

Brief Introduction - *Brian Greening (LTSA)* - 5 min	1:00 pm
• **BC Premises ID Program Use of ParcelMap BC** (10 mins) *Anders Hopperstead (Senior Premises ID Program Analyst, Ministry of Agriculture & Food)*	1:05 pm
• **GeoBC's Use of ParcelMap BC** (15 mins) *Scott MacPhail (LUIR Team Lead, Ministry of Land, Water & Resource Stewardship)*	1:15 pm
• **BC Data Service's Use of ParcelMap BC (**10 mins**)** *Colin Newall (Team Lead, Data Management, Ministry of Citizens' Services)*	1:30 pm
• **Modernizing highway tenure research with the LTSA & MoTI** (15 mins) Peter Spry (*Senior Spatial Tech. Analyst, MoTI and Taylor McInnes, Product Owner, Product Portfolio, LTSA)*	1:40 pm
• **Leveraging ParcelMap BC at BC Assessment** (10 mins) *Tom O'Brien (Senior GIS Analyst, BC Assessment)*	1:55 pm
• **Lands Branch ParcelMap BC Adoption** (10 mins) *Scott Griffiths (Manager, Major Initiatives, Lands Branch, Ministry of Forests)*	2:05 pm
• **FrontCounter BC's Use of ParcelMap BC** (5 mins) *Shana Bow (Operations Services Supervisor, FrontCounter BC, Ministry of Land, Water & Resource Stewardship)*	
Close Out, Questions & Discussion (10 min)	

Welcome & Opening Remarks

Workshop

A ParcelMap BC Adoption Working Group resource, presented as part of the ICI Society Virtual Café series

"MUNI was instrumental in its role on the Integrated Cadastral Information Society Board in supporting the development of ParcelMap BC from concept through to implementation. ParcelMap BC has proven to be a reliable, current and complete mapped representation of titled and Crown land parcels across B.C. ParcelMap BC is a "go-too" spatial resource for Local Government Division Staff."

Michael Marson, Manager, Governance Services, Ministry of Municipal Affairs

"We rely on the accuracy of ParcelMap BC data from parcel identifiers, full legal descriptions, as well as the positional accuracy of all features."

Gabriel Hazaparu, GIS Coordinator, ALC

"Surveyor General staff were quick to realize the benefits of ParcelMap BC when it was first rolled out more than six years ago. ParcelMap BC provides a virtually seamless graphical representation of parcels and interests recorded in both the land title register and the Crown land registry. Furthermore, we know that the data in ParcelMap BC is complete and current."

Dave Swaile, Senior Deputy Surveyor General, LTSA

"Of all the great features, one of my favorites is the ability to order documents such as plans and charge documents directly from ParcelMap BC. In addition, the integration of ParcelMap BC with our spatial representation of the Highway Tenure layer (in development), and the ability to search by parcel identifier and plan has greatly improved our research capabilities."

Erika Jamieson, Highway Tenure Analyst, MoTI

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BC Premises ID Program Use of ParcelMap BC

Anders Hopperstead, Senior Premises ID Program Analyst
Ministry of Agriculture & Food

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BRITISH COLUMBIA | Ministry of Agriculture, Food and Fisheries

Why is Parcel Data Important to Premises ID?

- Premises Identification is a program designed by the Federal Government to support public responses to animal disease outbreaks
- Provinces take responsibility for their issuing Premises IDs to locations where animals are kept or dealt with
- A Premises ID is an anonymous nine character code with a one-to-one relationship with a legal land description

BRITISH COLUMBIA | Ministry of Agriculture, Food and Fisheries

Why Not Just Use Street Addresses?

Animal disease outbreaks are managed on a parcel basis because one operation on a single parcel can have multiple addresses.

Screenshot from ICI Society Map Viewer 3.0.4

BRITISH COLUMBIA | Ministry of Agriculture, Food and Fisheries

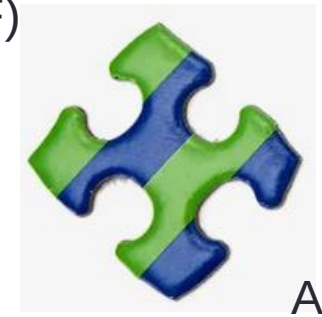
How did we Ensure Parcel Integrity Before ParcelMap BC?

- Researched Land Titles Parcel IDs (PIDs) in five different fabrics

Integrated Cadastral Fabric (ICF)

ICI Society

Municipal Fabrics



BC Assessment

Regional District Fabrics

BRITISH COLUMBIA | Ministry of Agriculture, Food and Fisheries

What does the Success of ParcelMap BC mean to the Premises ID Program?

- Huge reduction in staff time devoted to PID research
- Simple Implementation of Program routines, such as 24/7 issuance of Premises IDs if the corresponding PID is entered during registration
- Confidence that parcel-based program maps and analysis will be correct

GeoBC's Use of ParcelMap BC

Scott MacPhail, LUIR Team Lead
Ministry of Land, Water & Resource Stewardship

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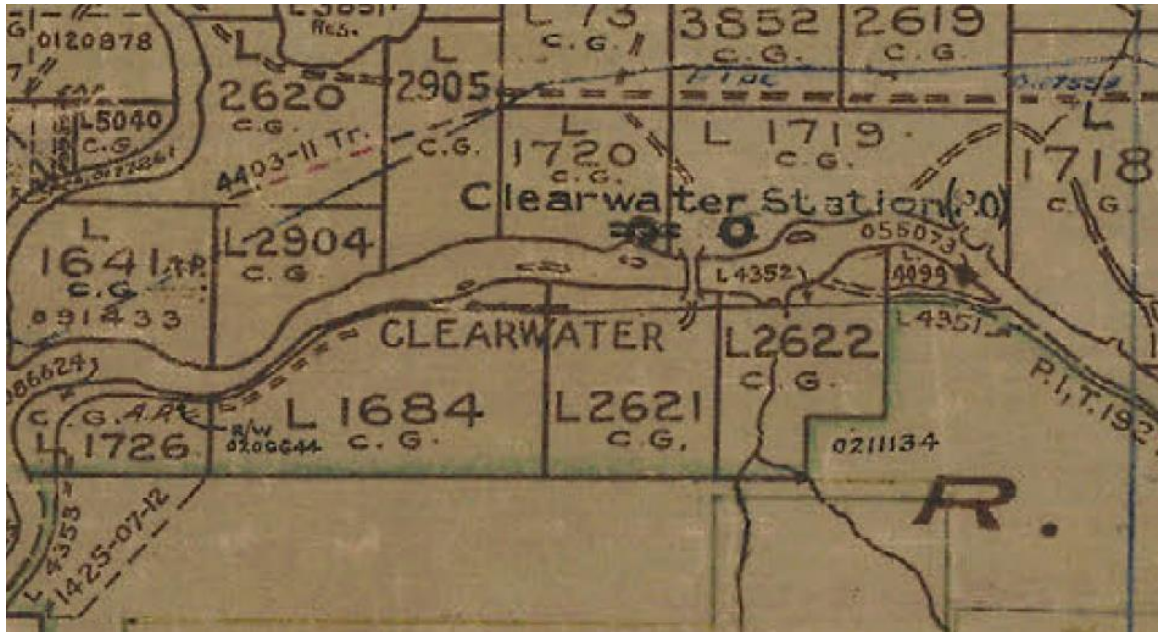
GeoBC use of Parcel Map BC

First – some background

- GeoBC maintains the survey parcel information in the Crown Land Registry (Tantalis)
- These are surveys where the Crown has an interest, including Primary parcels, SRW's, Highways, etc
- Most primary parcel surveys are more than 100 years old
- Private land surveys were rarely used and Survey Control was scarce during the initial build

GeoBC use of Parcel Map BC



- Part of a linen Lands map from 1958
- Digitizing began in the early 1980's. GIS started in early 1990's

GeoBC use of Parcel Map BC

- ParcelMap BC survey control has had the biggest impact on Tantalis
- Prior to the requirement for surveyors to establish control for surveys, the Crown would not have been aware of these points
- Most rural data in Tantalis is not positionally accurate
- New GPS information combined with more recent subdivision, SRW and Road surveys allows the fabric to be rebuilt to higher standards

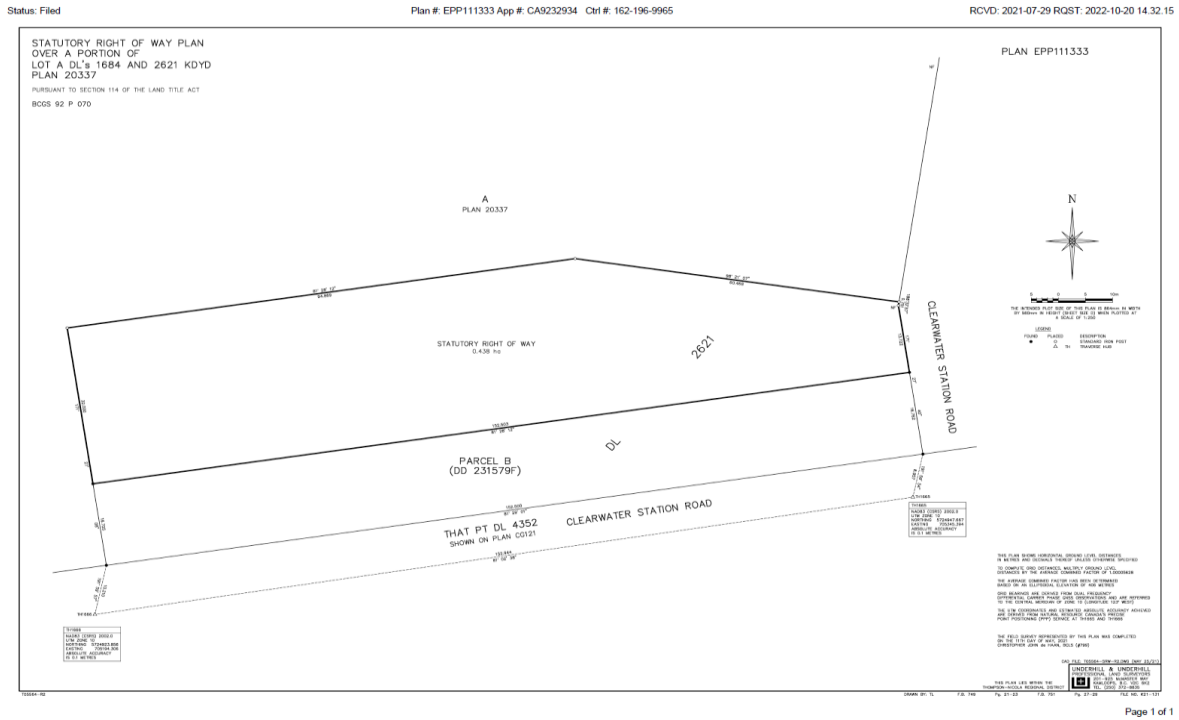
GeoBC use of Parcel Map BC

Example – same area as previous map

- Client reports issue with DL boundary in SE of this area
- First check is to see if there is new control nearby

GeoBC use of Parcel Map BC

One new plan was found. This provided an anchor point for rebuilding the area.



Status: Filed

Plan #: EPP111333 App #: CA9232934 Ctrl #: 162-196-9965

RCVD: 2021-07-29 RQST: 2022-10-20 14.32.15

STATUTORY RIGHT OF WAY PLAN
OVER A PORTION OF
LOT A DL's 1684 AND 2621 KDYD
PLAN 20337

PURSUANT TO SECTION 114 OF THE LAND TITLE ACT

BCGS 92 P 070

PLAN EPP111333

A
PLAN 20337

STATUTORY RIGHT OF WAY
0.438 ha

2621

DL

PARCEL B
(DD 231579F)

THAT PT DL 4352
SHOWN ON PLAN CG121

CLEARWATER STATION ROAD

CLEARWATER STATION ROAD

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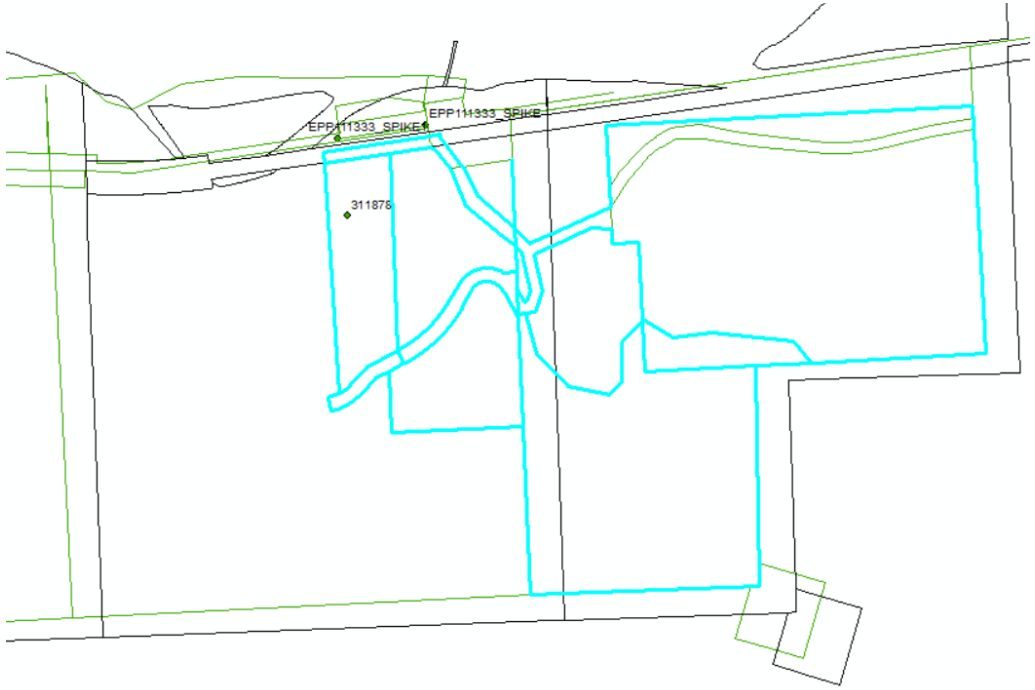
Page 1 of 1

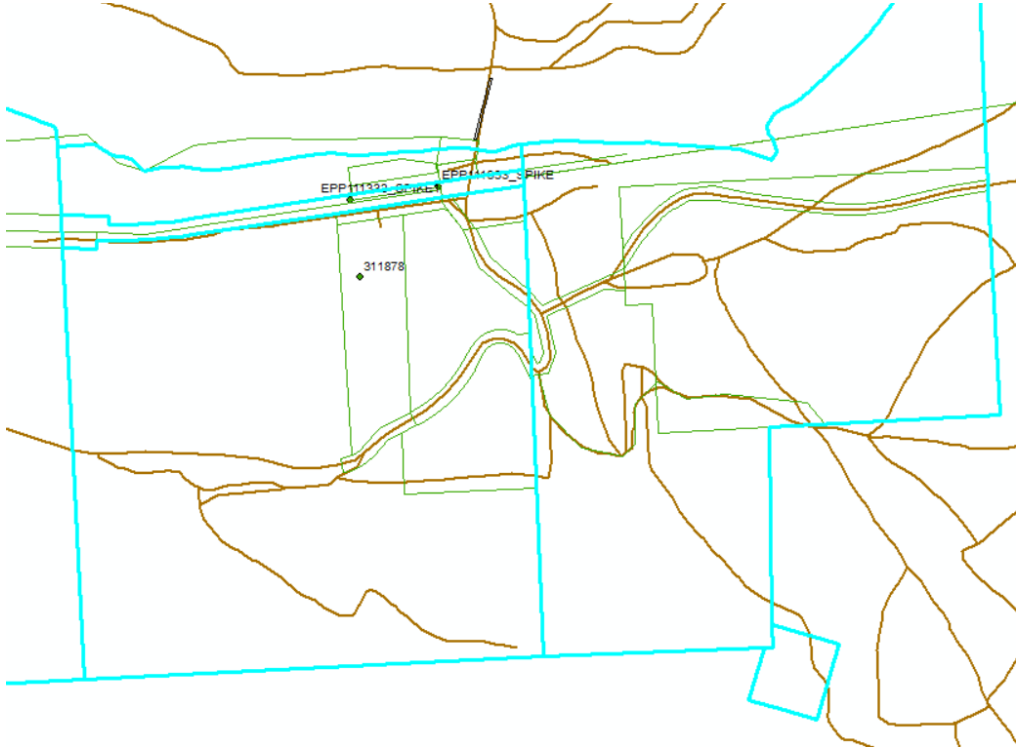
GeoBC use of Parcel Map BC

- Subdivision plans were then used to build off the new survey
- These were then rotated to the new survey and used to re-establish the primary parcel boundaries



GeoBC use of Parcel Map BC

- Final results with roads shown to illustrate fit with base



BC Data Service's Use of ParcelMap BC

Colin Newall, Team Lead, Data Management
Ministry of Citizens' Services

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BCDS

BC Data Service

Use of ParcelMap BC

Dec. 7, 2022

BRITISH COLUMBIA | Ministry of Citizens' Services

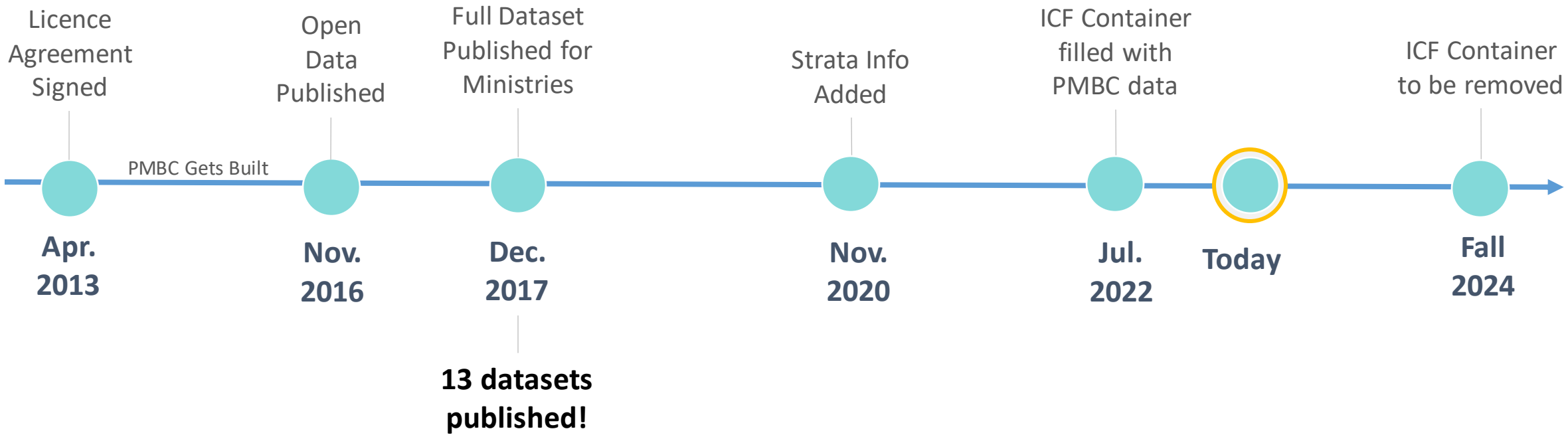
About **BC Data Service** Division

- **Programs**
  - BC Stats
  - DataBC
  - Data Innovation
  - Data Science Partnerships

- **Services**
  - Strategic data management
  - Data discovery and publication
  - Web-based maps
  - Location services
  - Research and analytics

- **Major Priorities**
  - Implementing BC's Anti-Racism Data Act
  - Implementing the BC Data Plan
    - Data Governance Reform
    - Indigenous data sovereignty
    - Enabling use of Indigenous names
    - Developing equity data standards
    - Data Management Policy

Using ParcelMap BC Data



BCDS CONN CSD DLM GDX OCIO OCIO CIRMO OCIO ES PSD RPD SBC

Using ParcelMap BC Data

In these services:

- Data Catalogue
- Geographic Warehouse
- Map Services (WMS, WFS)
- iMapBC, BC Map Hub (ArcGIS Online), Internet Mapping Framework, Simple Map Kit
- Address Geocoder and Route Planner

ParcelMap BC Parcel Fabric PUBLISHED

Published By
DataBC Program

Description
ParcelMap BC (PMBC) is the single, complete, trusted and sustainable electronic map of active titled parcels and surveyed provincial Crown land parcels in British Columbia. This particular dataset is a subset of the complete ParcelMap BC data and is comprised of the parcel fabric and attributes for over two million parcels published under the Open Government Licence - British Columbia.

Notes:

1. Parcel title information is sourced from the BC Land Title Register. Title questions should be directed to a local Land Title Office.
2. This dataset replaces the Integrated Cadastral Fabric.

Licence
Open Government Licence - British Columbia

Resources

Parcel Fabric File Geodatabase (NAD83 / BC Albers)
fgdb Access/Download View

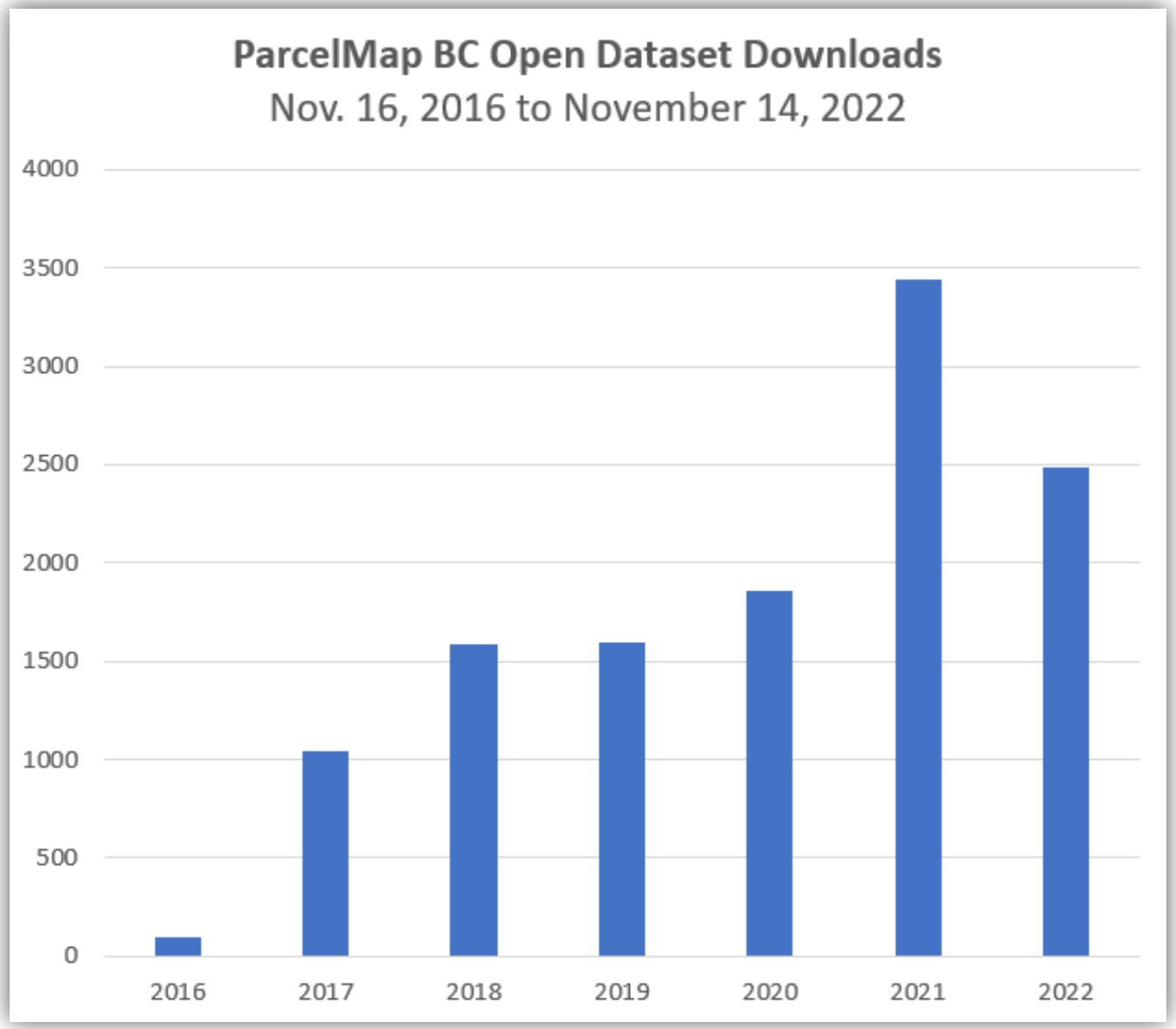
Parcel Fabric File Geodatabase (NAD83(CSRS) / BC Albers)
fgdb Access/Download View

WMS getCapabilities request
wms Access/Download View

KML Network Link
kml Access/Download View

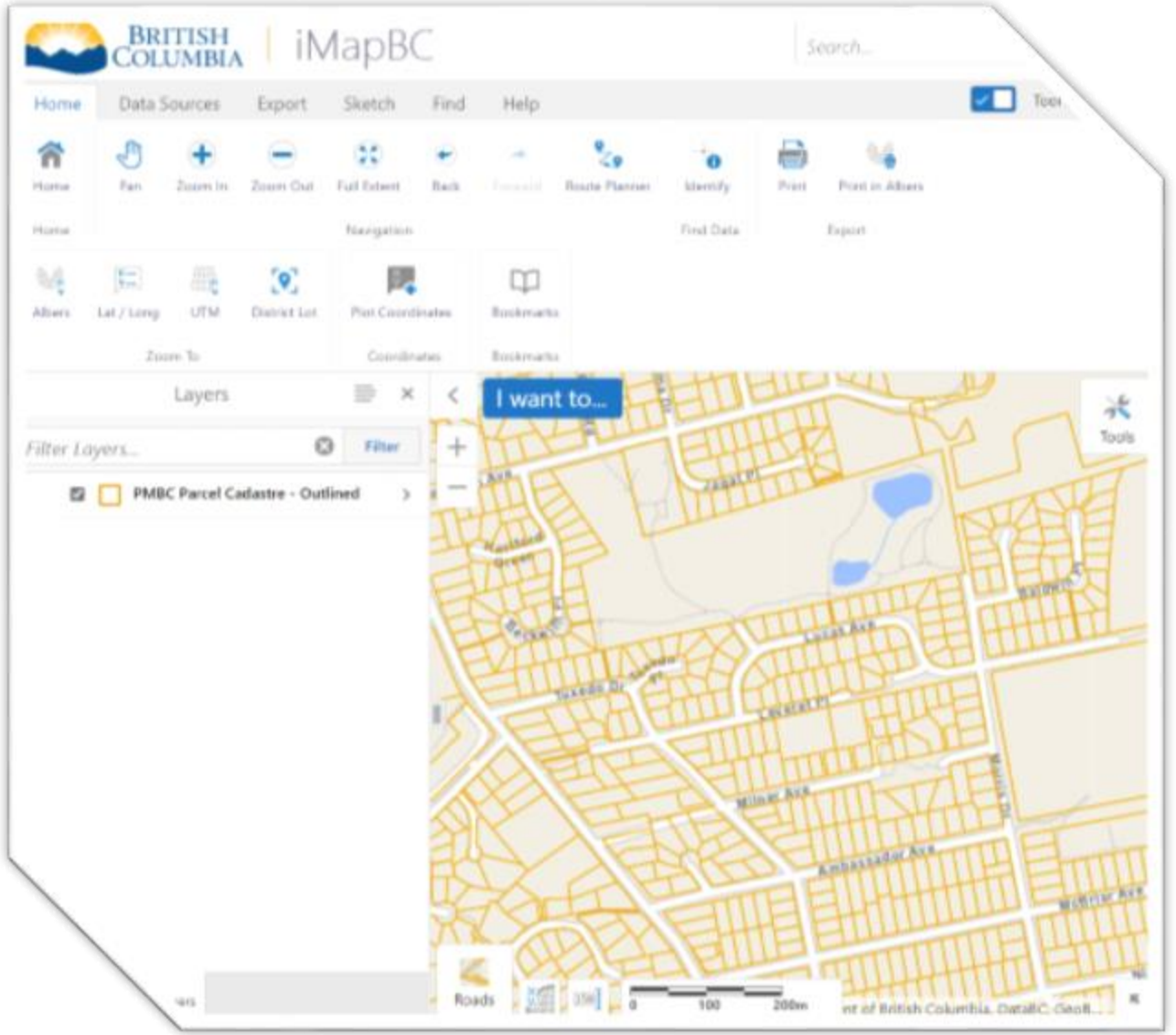
ArcGIS Online Item
arcgis_rest Access/Download View

BC Geographic Warehouse


ParcelMap BC Open Dataset Downloads
Nov. 16, 2016 to November 14, 2022
4000
3500
3000
2500
2000
1500
1000
500
0
2016
2017
2018
2019
2020
2021
2022

Thank you!

- **BC Gov DATA site**
- **BC Data Catalogue**
- **PMBC Open Data**
- **PMBC Full Dataset**
- iMapBC
- BC Map Hub (Esri ArcGIS Online)
- Map Application Frameworks
- BC Map Services
- BC Address Geocoder
- BC Route Planner



BCDS CONN CSD DLM GDX OCIO OCIO CIRMO OCIO ES PSD RPD SBC

Modernizing highway tenure research with the LTSA

Peter Spry, Senior Spatial Technical Analyst
Ministry of Transportation & Infrastructure

Taylor McInnes, Product Owner, Product Portfolio
LTSA

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FROM PAPER PLANS TO WEB MAP

Modernizing highway tenure research with the

LTSA

and

Ministry of Transportation and Infrastructure

HIGHWAY TENURE IS TRICKY

- Because establishing highway tenure requires research—sometimes a great deal of it.
- Some evidence is over 100 years old.
- MoTI's Property and Land Management Branch have a **50 slide** *overview* of the topic.

Title District	VICTORIA
nd Title Office	VICTORIA
Number	EW114729
om Title Number	EP90105
cation Received	2004-08-26
cation Entered	2004-09-09
stered Owner in Fee Simple	
egistered Owner/Mailing Address:	GOLDSTREAM FUEL INC., INC.NO. 561,704, 3544 SUNHEIGHTS DRIVE VICTORIA, BC V9C 3T7
tion Authority	DISTRICT OF LANGFORD
ription of Land	
rcel Identifier:	006-167-586
gal Description:	LOT 1, SECTIONS 1 AND 28, GOLDSTREAM DISTRICT, PLAN 3458

l Notations

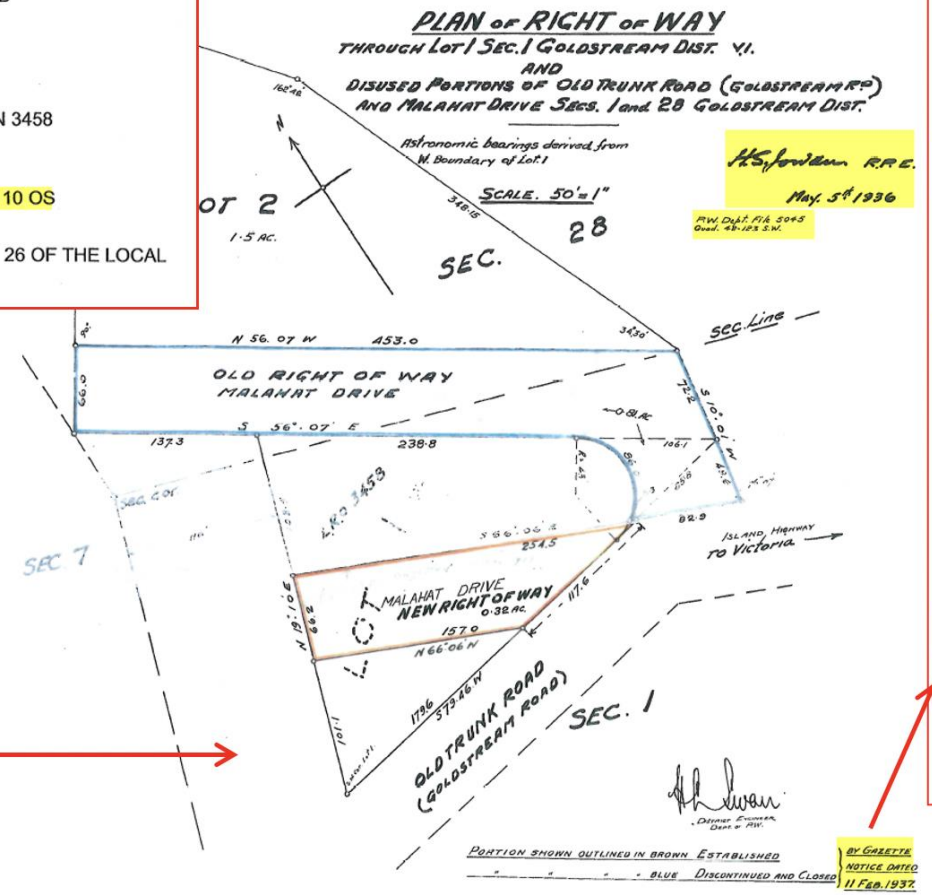
RE CLAUSES (E) AND (F) OF SECTION 38 LRA SEE PLAN 1110 OS

THIS TITLE MAY BE AFFECTED BY A PERMIT UNDER PART 26 OF THE LOCAL GOVERNMENT ACT, SEE FB122842

E&F clause on title Legal Notation – referencing a plan

Note: VIP1110 OS is not a legal survey plan

Feb 11/87 Gazette is both establishing and closing highway



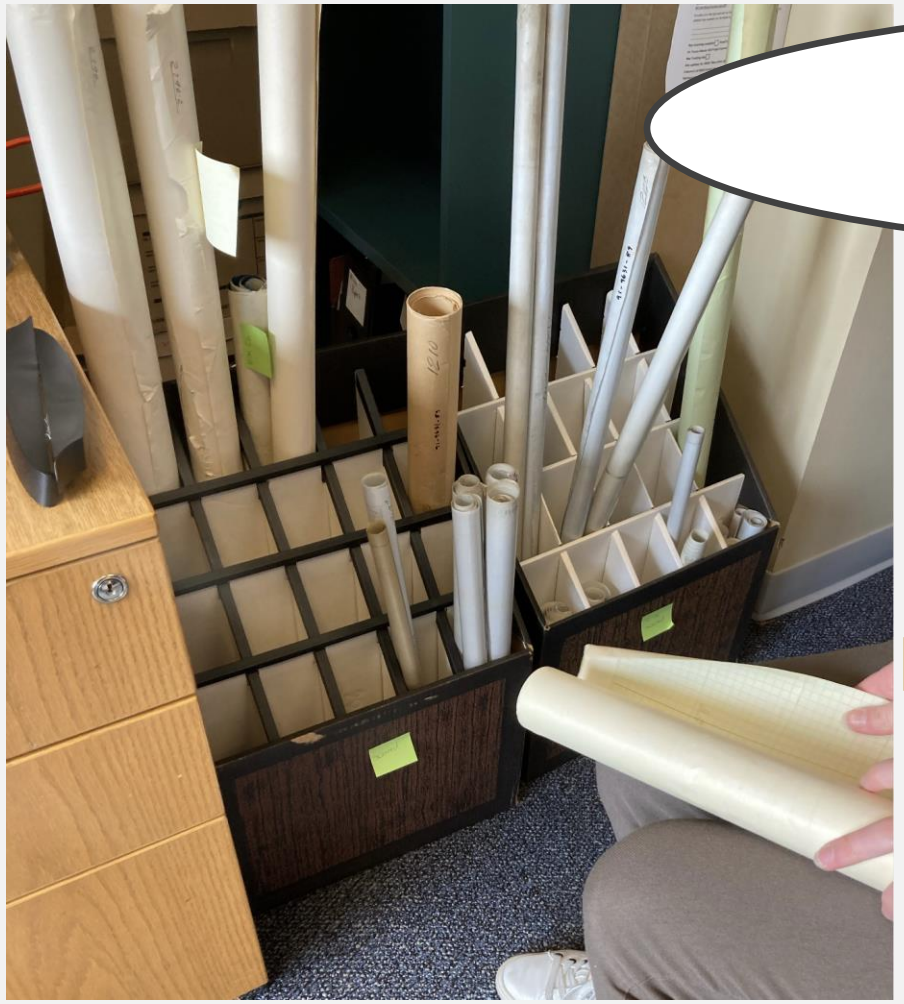
THIS IS ONLY A GLIMPSE

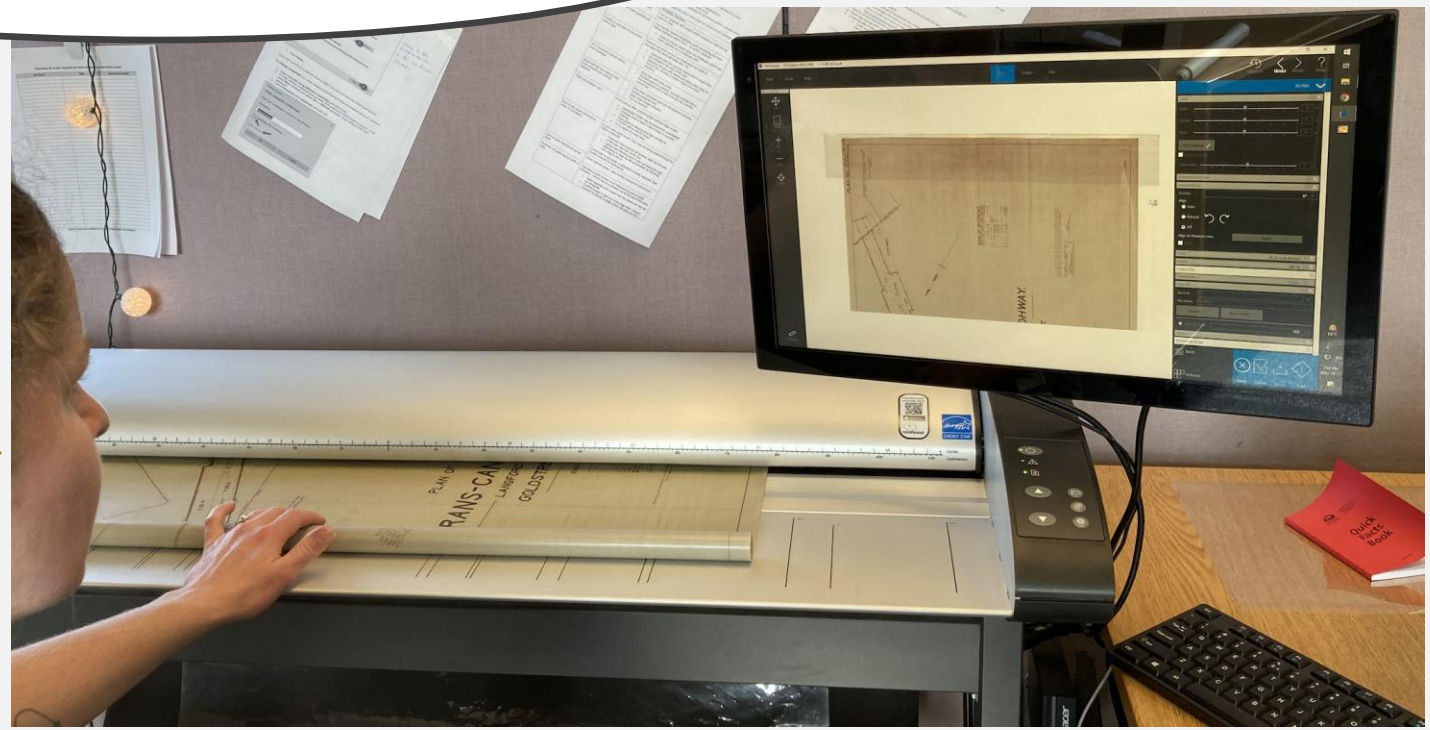
- We're going to show you some of the processes making MoTI highway tenure research easier.

DIGITIZATION *THEN*

- Ministry plans are frequently *oversized*.
- Pictured Tracy Price creating a digital version in the before times.

DIGITIZATION *NOW*

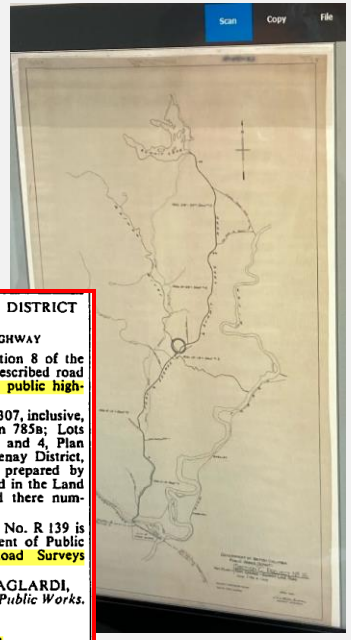




Pictured Erika Jamieson producing high quality scans.

RESEARCH ASSEMBLED AND SHARED

Ministry of Transportation and Infrastructure



ROSSLAND-TRAIL ELECTORAL DISTRICT

TRAIL–SALMO–NELSON HIGHWAY

NOTICE is given, pursuant to section 8 of the "Highway Act," that the following described road allowance is hereby established as a public highway, namely:—

All those portions of Blocks 296 to 307, inclusive, Plan 785B; Blocks 311 and 312, Plan 785B; Lots 2 and 3, Plan 2421; and Lots 2, 3, and 4, Plan 1983, all of District Lot 1236, Kootenay District, as shown outlined in red on plan prepared by J. G. S. Hirtle, B.C.L.S., and deposited in the Land Registry Office at Nelson, B.C., and there numbered "Plan No. R 139."

A copy of the said Registered Plan No. R 139 is deposited in the Provincial Department of Public Works, Victoria, B.C., under "Road Surveys 725-20."

P. A. GAGLARDI,
Minister of Public Works.

Department of Public Works,
Parliament Buildings,
Victoria, B.C., April 14th, 1953.

P.W. File 2830. 4010-ap16

SharePoint

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Pictured Taylor McInnes dreaming up new workflows ☺

MoTI Highways Spatial Demo

Taylor McInnes, Product Owner, Product Portfolio
LTSA

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SPATIAL PRODUCTS RETURNED

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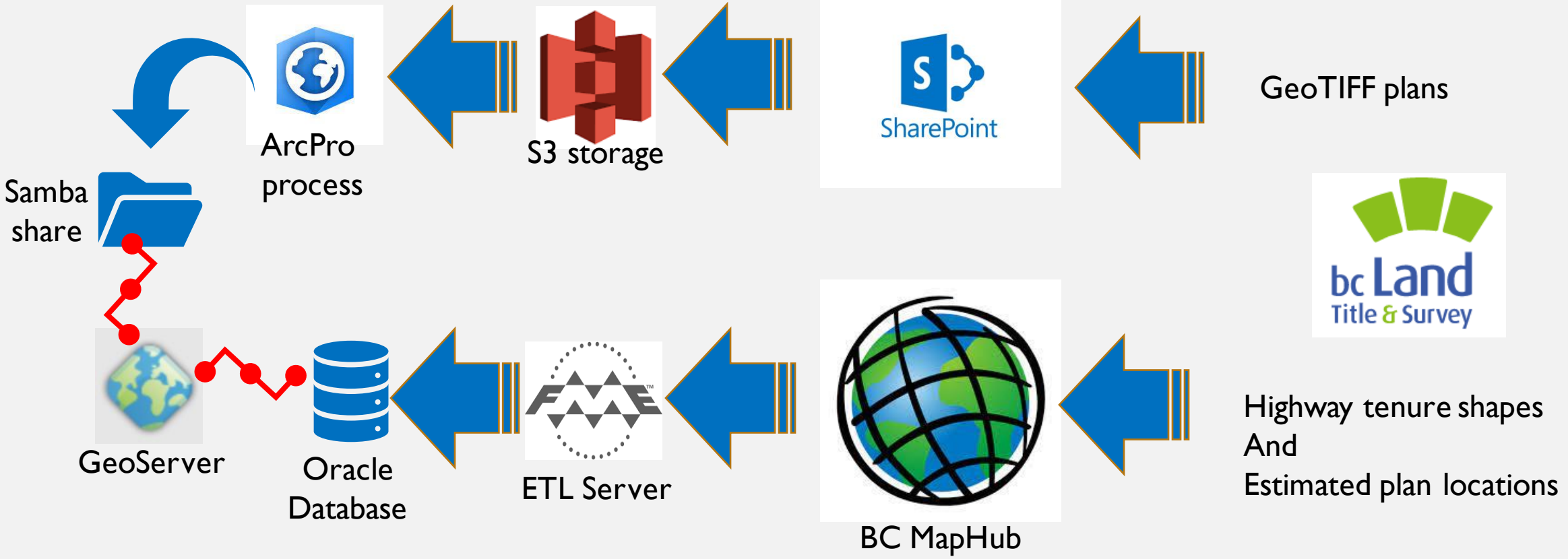

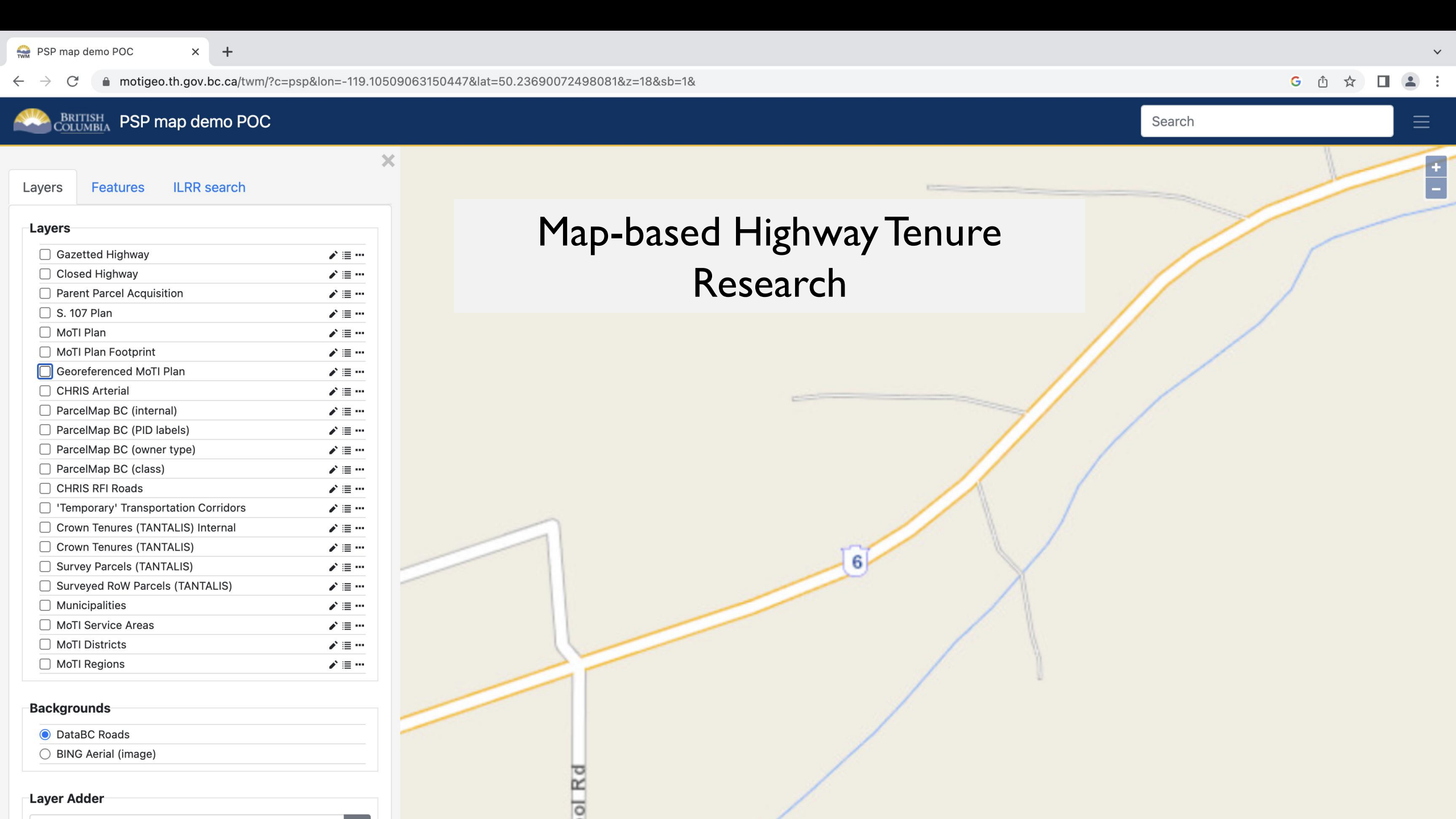
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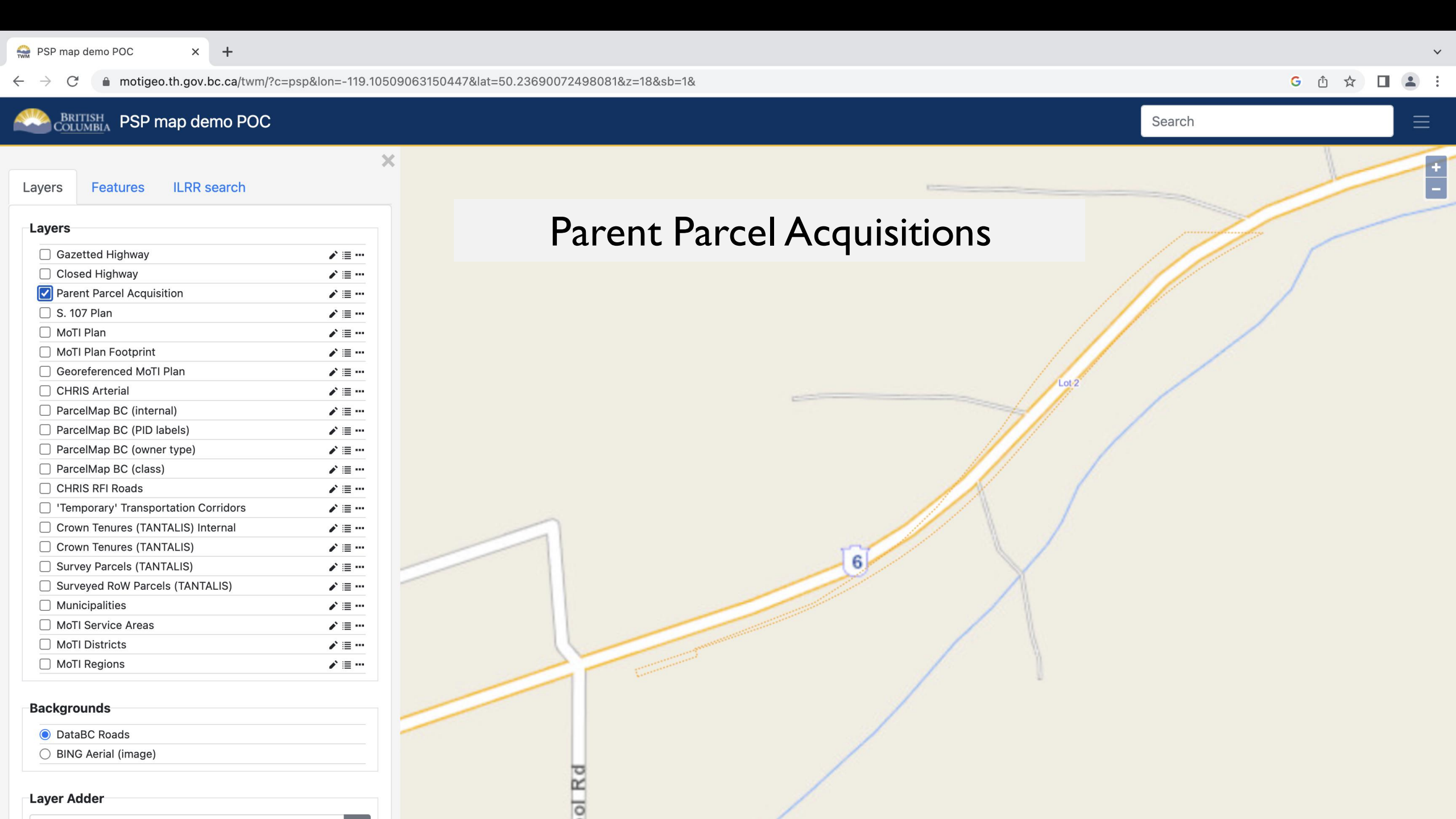
Gazetted Highway
Closed Highway
Parent Parcel Acquisition
S. 107 Plan
MoTI Plan
MoTI Plan Footprint
Georeferenced MoTI Plan
CHRIS Arterial
ParcelMap BC (internal)
ParcelMap BC (PID labels)
ParcelMap BC (owner type)
ParcelMap BC (class)
CHRIS RFI Roads
'Temporary' Transportation Corridors
Crown Tenures (TANTALIS) Internal
Crown Tenures (TANTALIS)
Survey Parcels (TANTALIS)
Surveyed RoW Parcels (TANTALIS)
Municipalities
MoTI Service Areas
MoTI Districts
MoTI Regions
Backgrounds
DataBC Roads
BING Aerial (image)
Layer Adder
Map-based Highway Tenure Research
6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Parent Parcel Acquisitions
Lot 2
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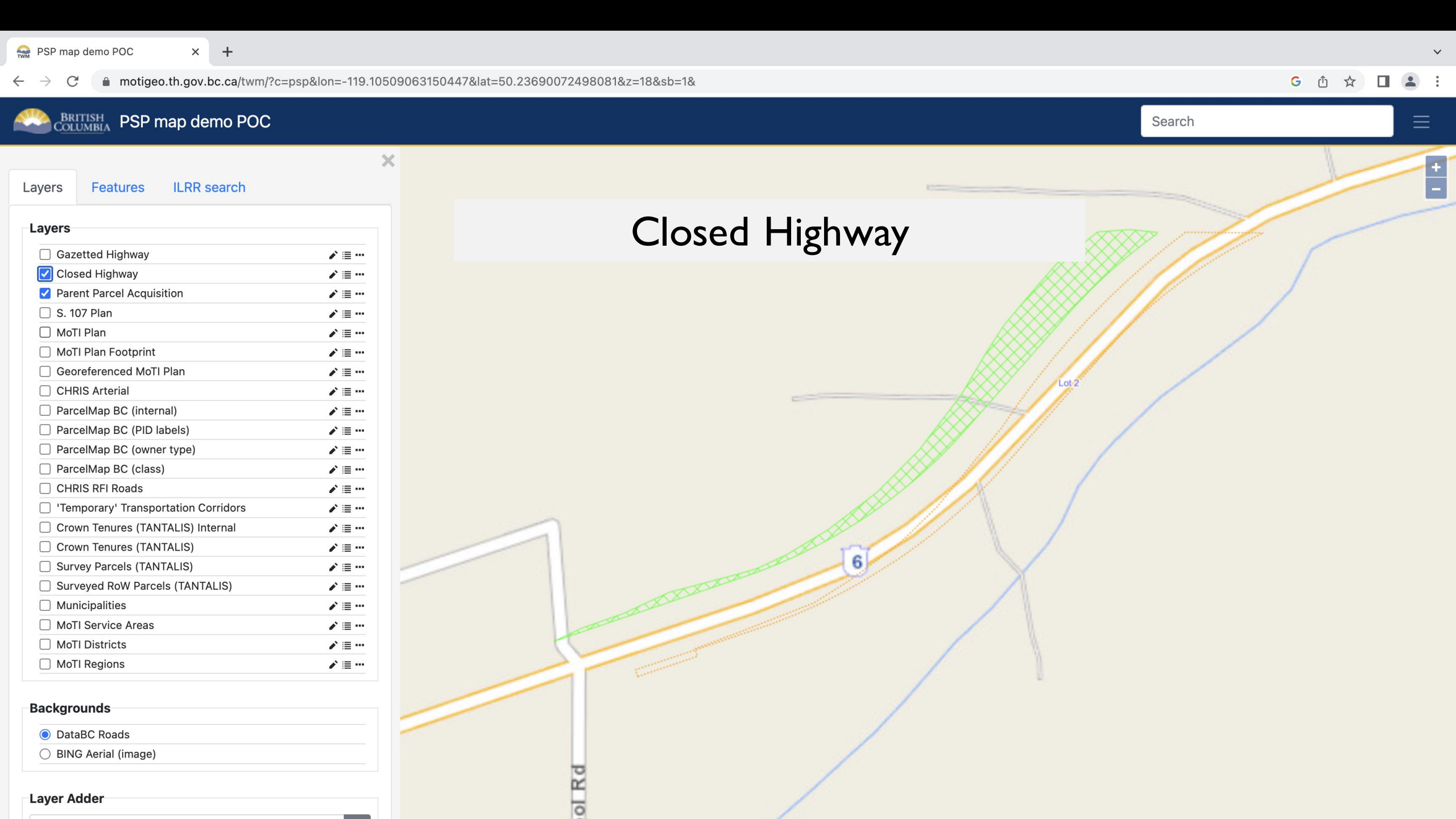
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Layers
Gazetted Highway
Closed Highway
Parent Parcel Acquisition
S. 107 Plan
MoTI Plan
MoTI Plan Footprint
Georeferenced MoTI Plan
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PSP map demo POC

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BRITISH COLUMBIA PSP map demo POC

Search

Layers | Features | ILRR search

Layers

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- [x] Closed Highway
- [x] Parent Parcel Acquisition
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- [ ] Surveyed RoW Parcels (TANTALIS)
- [ ] Municipalities
- [ ] MoTI Service Areas
- [ ] MoTI Districts
- [ ] MoTI Regions

Backgrounds

- (•) DataBC Roads
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Layer Adder

Section 107 Plan

Lot 2

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6

PSP map demo POC

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BRITISH COLUMBIA PSP map demo POC

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Layers | Features | ILRR search

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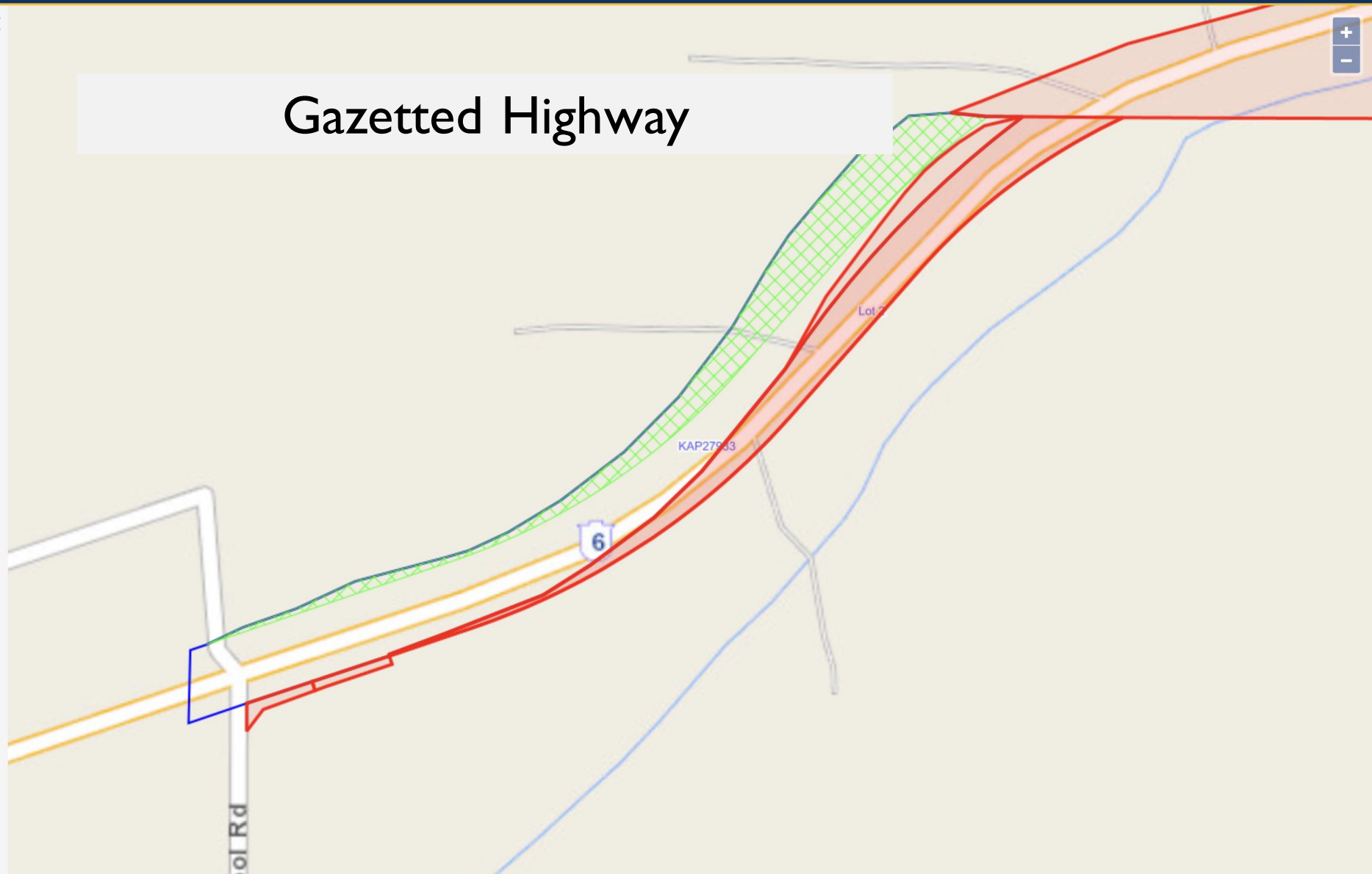
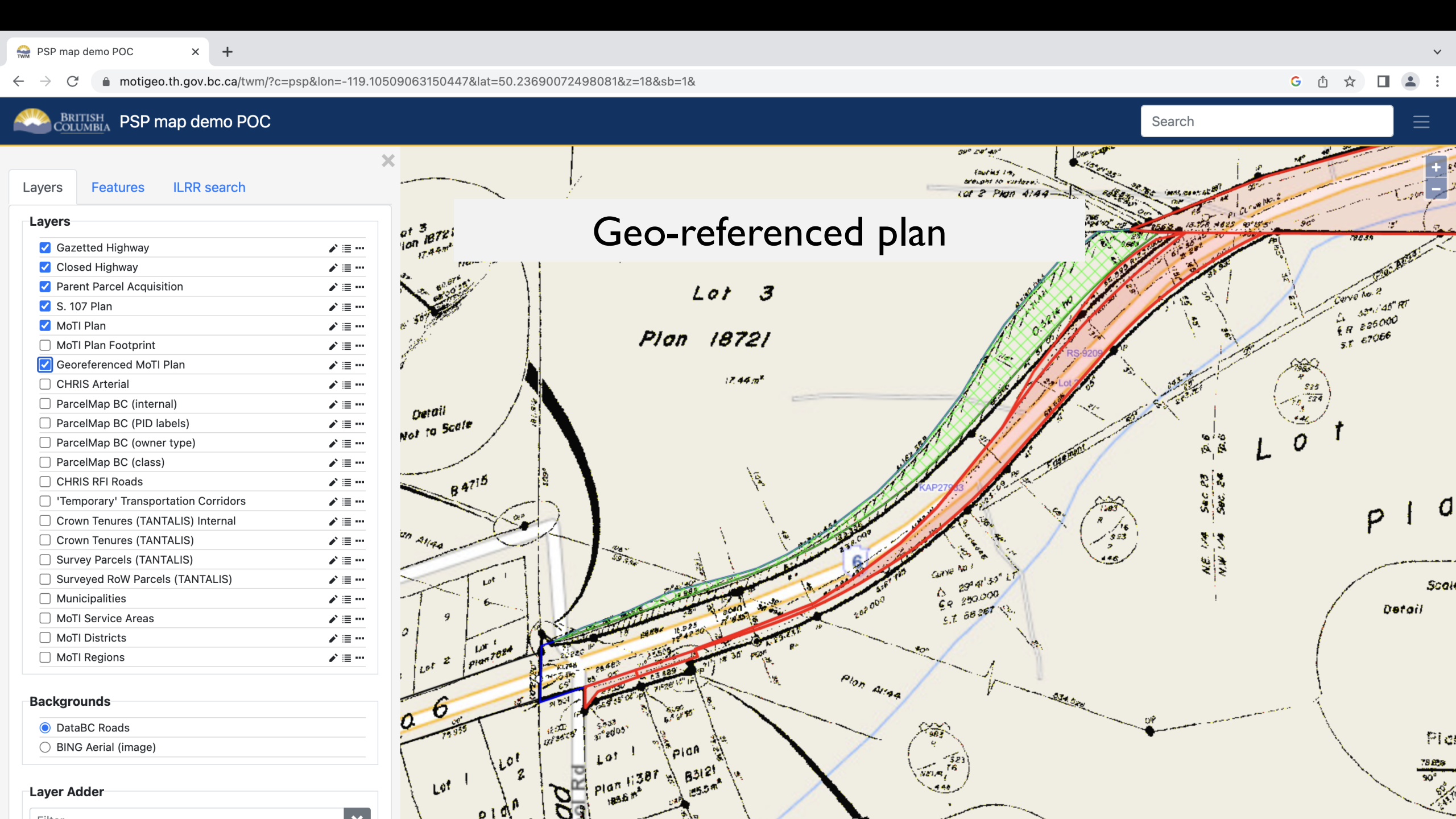
Layer Adder

Gazetted Highway

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Detail
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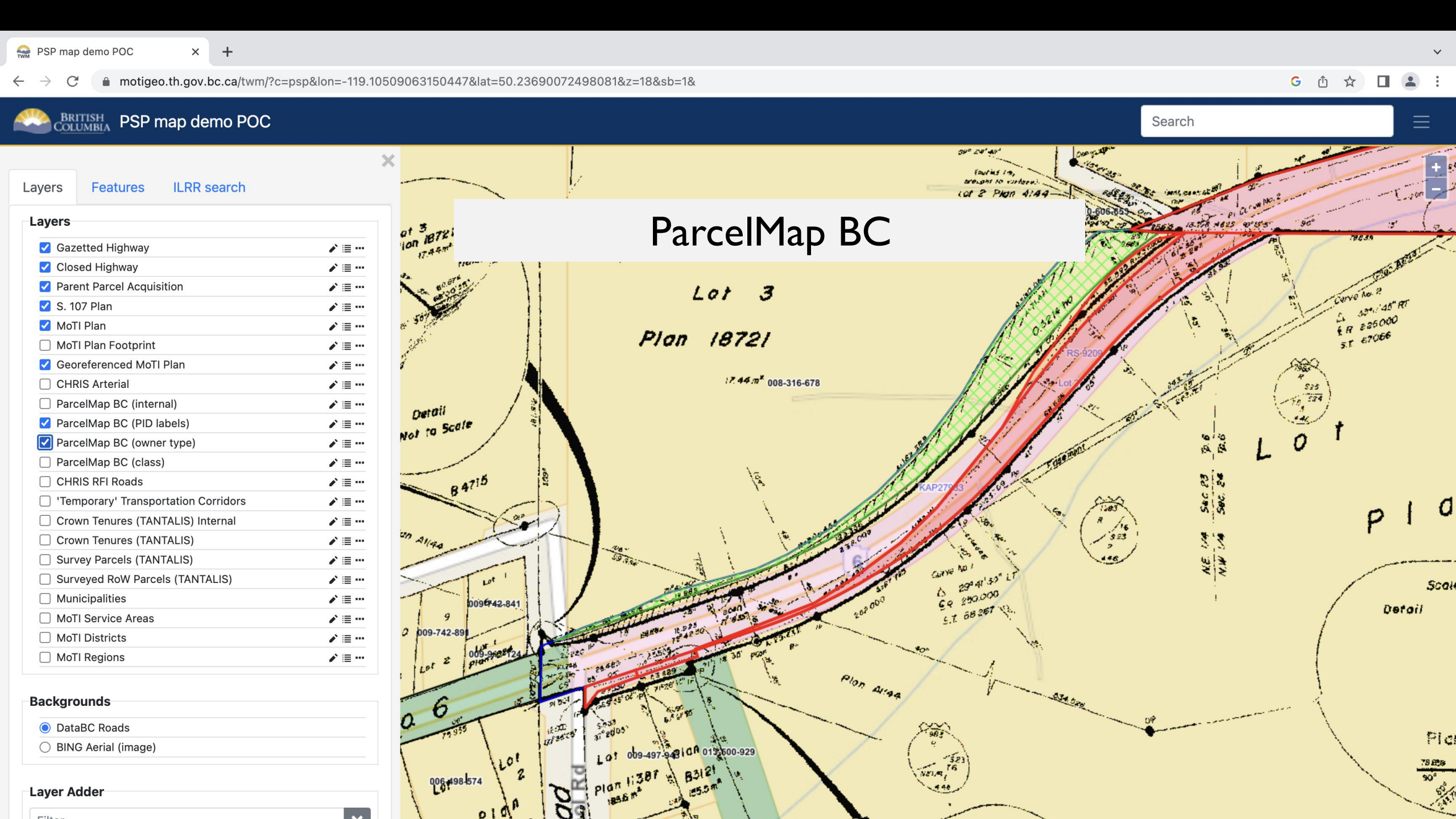
Lot
Plan A1144
Plan 11387
Plan B3121
Detail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PSP map demo POC
Search
Layers
Features
ILRR search
Layers
Gazetted Highway
Closed Highway
Parent Parcel Acquisition
S. 107 Plan
MoTI Plan
MoTI Plan Footprint
Georeferenced MoTI Plan
CHRIS Arterial
ParcelMap BC (internal)
ParcelMap BC (PID labels)
ParcelMap BC (owner type)
ParcelMap BC (class)
CHRIS RFI Roads
'Temporary' Transportation Corridors
Crown Tenures (TANTALIS) Internal
Crown Tenures (TANTALIS)
Survey Parcels (TANTALIS)
Surveyed RoW Parcels (TANTALIS)
Municipalities
MoTI Service Areas
MoTI Districts
MoTI Regions
Backgrounds
DataBC Roads
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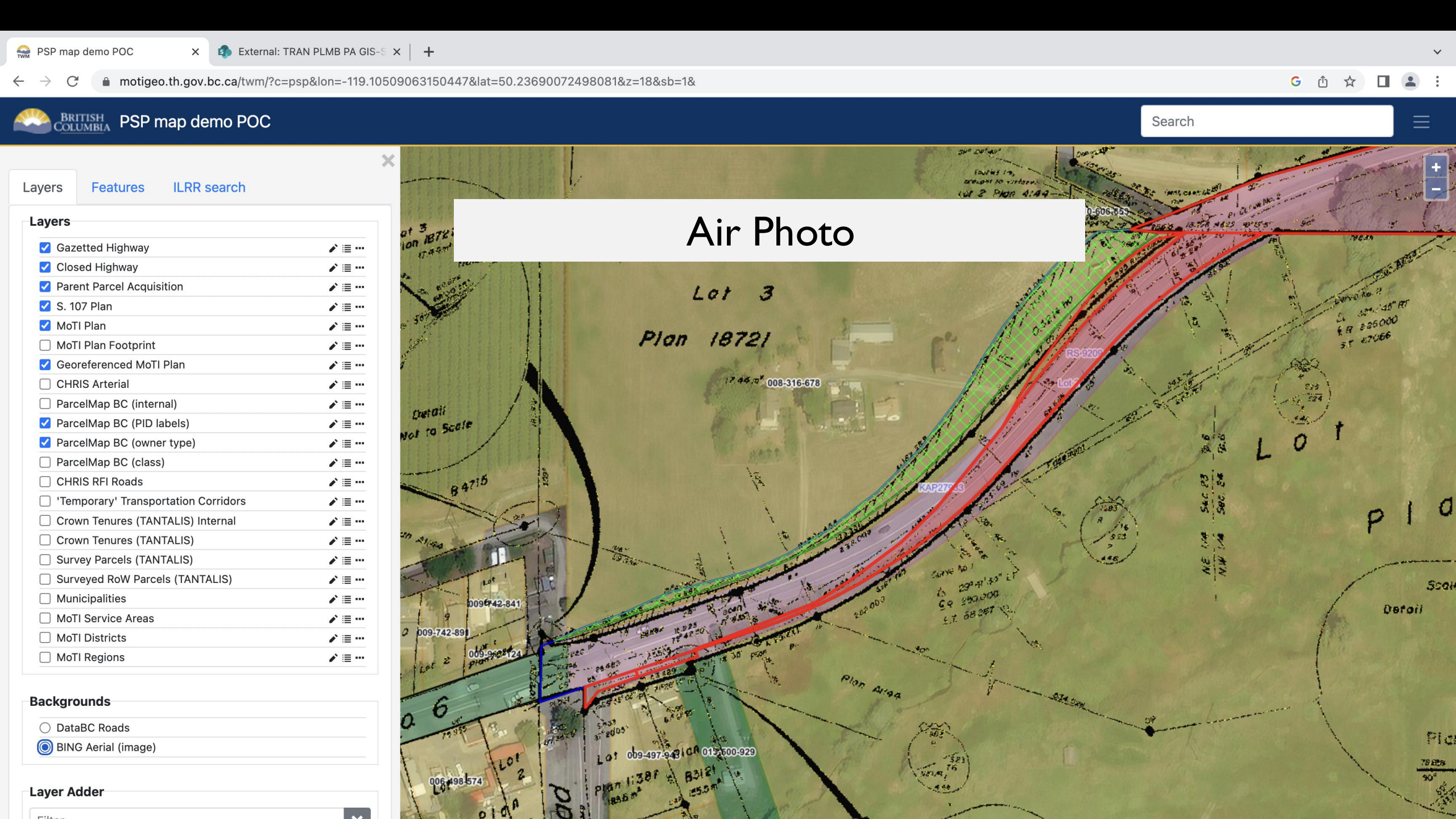
Detail
Not to Scale
Lot
Plan A1144
Detail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Search
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Features
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Gazetted Highway
Closed Highway
Parent Parcel Acquisition
S. 107 Plan
MoTI Plan
MoTI Plan Footprint
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MoTI Regions
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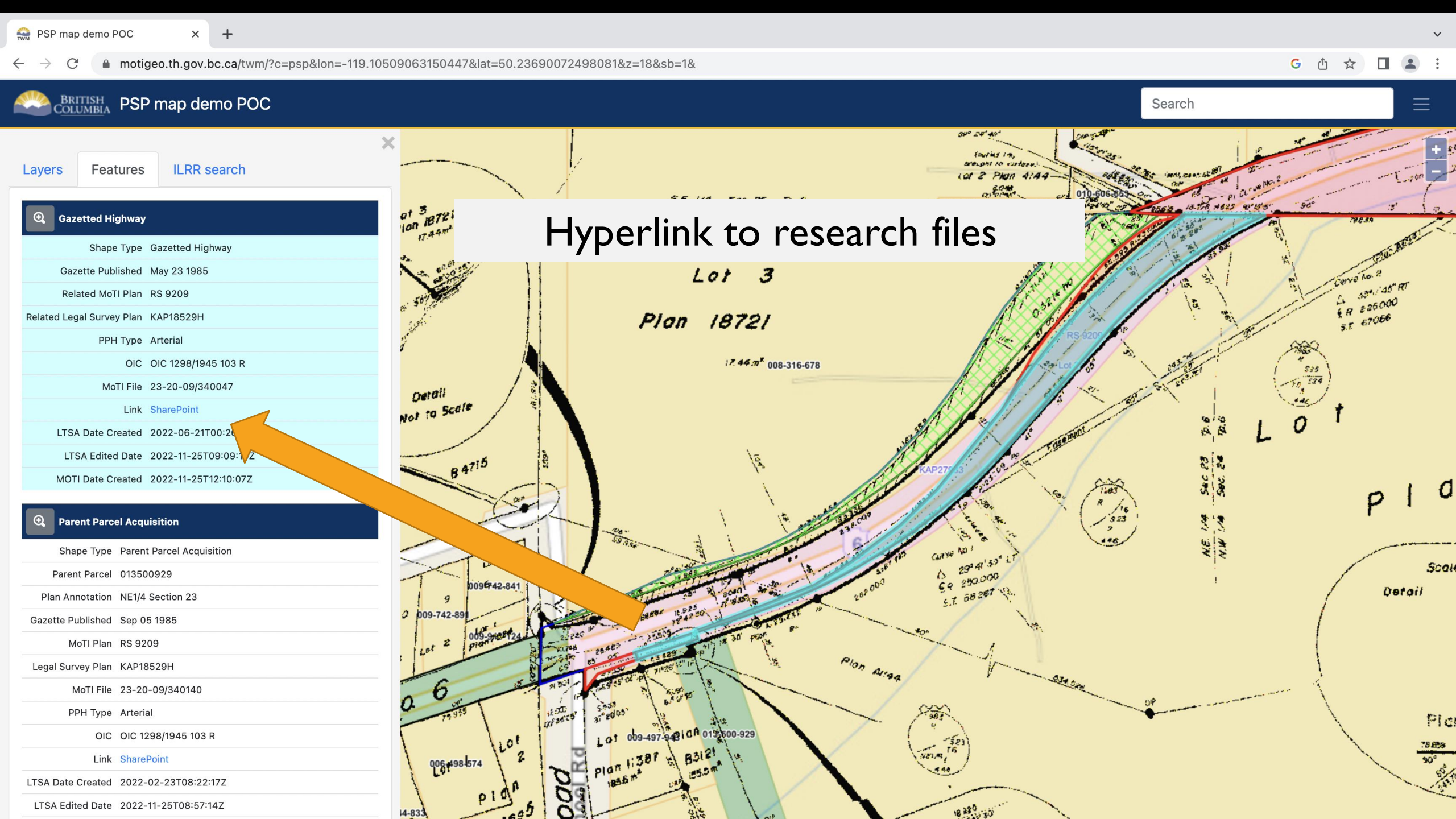
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BRITISH COLUMBIA
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Search
Layers
Features
ILRR search
Gazetted Highway
Shape Type Gazetted Highway
Gazette Published May 23 1985
Related MoTI Plan RS 9209
Related Legal Survey Plan KAP18529H
PPH Type Arterial
OIC OIC 1298/1945 103 R
MoTI File 23-20-09/340047
Link SharePoint
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Gazette Published Sep 05 1985
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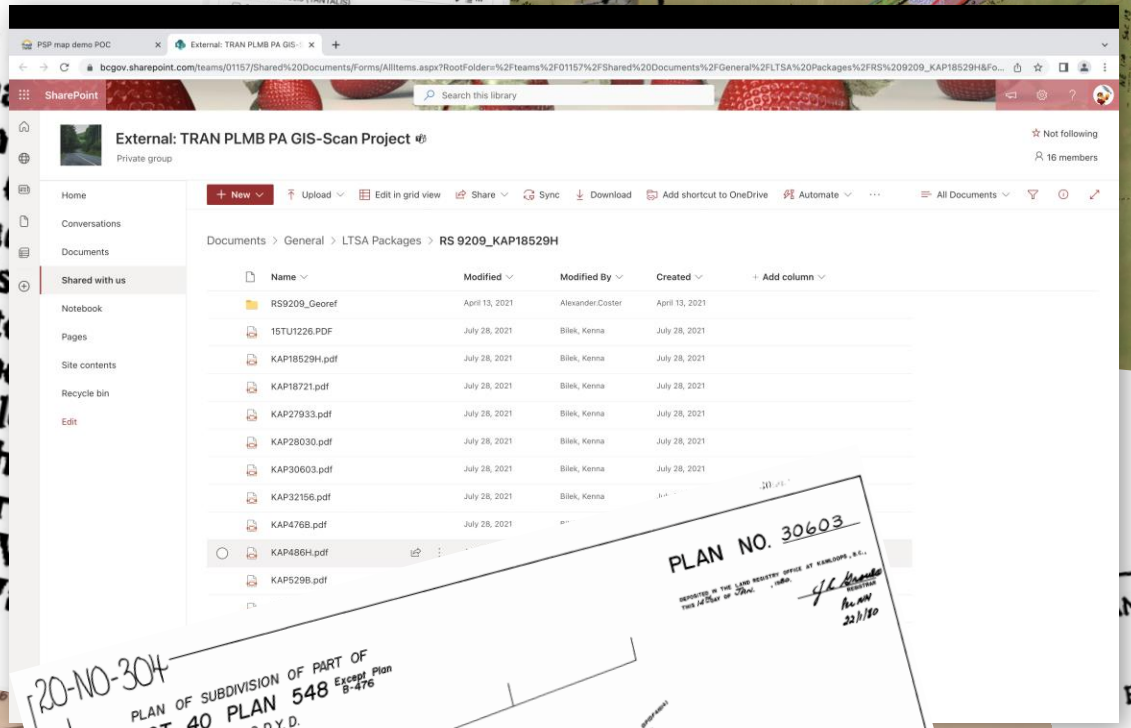
Hyperlink to research files
Lot 3
Plan 18721
008-316-678
Detail
Not to Scale
Lot
Plan
Detail

DISCONTINUING AND CLOSIN
HIGHWAY

Discontinuing and closing road al
ance for Vernon–Slocan Highway, Ok
gan North Electoral District.

Notice is given, pursuant
the *Highway Act*, that all tha
non–Slocan Highway within
18721, Section 23, Township
shown outlined in cross-hatch
recorded in the Provincial Minis
portation and Highways, Victo
under "Road Surveys 9209", (b
of a plan deposited in the Kaml
Title Office as Plan H18529), is h
continued and closed. December
File 23-01-78/342998 — Alex. V
finister of Transportation and H
le19 — 20009]



THE BRITISH COLUMBIA GAZETTE

13988; the southwest quarter of Section 25 lettered A on Plan DD 24108 (except Plans B750 and 13988); the southwest quarter of Section 25, Plan B750; Lots 34, 35, 36, 37, 38, Section 25, Plan 548; Lot 39, Section 25, Plan 548 (except Plans B476 and 15816); Lots 40 and 66, Section 25, Plans 548, Plan B476; Lots 40 and 66, Section 25, Plan 548 (except Plan B476); Lot 1, Section 25, Plan 15816; Lot 106 (except Plan B476), District Lot 87 and of Section 24, Plan 641; Lots 1 and 2, District Lot 87, Section 25, Plan 21991; and Lot 137, District Lot 87, Section 25, Plan 641 (except Plan B476); all within Township 6; Lot 124, District Lot 87 and of Section 30, Plan 641; (except Plan 8112); Lots 125, 126, 127, District Lot 87 of Section 30, Plan 641; Lot A, Section 30, Plan 8112; Lot 1, Section 30, Plan 1687; the southwest quarter of Section 30, Plan B1351 (except Plan 5970); Lot A, Section 30, Plan 7673; and Lot A, Section 30, District Lot 87, Plan 23293; all within Township 3; Lots 107, 108, 112 and 114, Plan 641 (except Plan B476); Lot 113, Plan 641, Plan B11331 (except Plan B476); Lot 119, Plan 641 (except Plan B359); Lots 120, 121, 122, Plan 641; Parcel A, Plan B6985, Lot 141, Plan 641; Lots 1, 2, 3, 5, 6, 7, Plan 27819; and Lot 1, Plan 28216; all within District Lot 87; all ODYD, as shown outlined in red on a plan recorded in the Provincial Ministry of Transportation and Highways, Victoria, B.C., under "Road Surveys 7079" (being a copy of Highway District Plan 175/1119 R/W), are hereby established as public highway.

ALEX. V. FRASER
Ministry of Transportation and Highways

Ministry of Transportation and Highways,
Parliament Buildings,
Victoria, B.C., March 12, 1981.

File 23-20-09/346038 mh26—467

NAGAN NORTH ELECTORAL DISTRICT

— S-38081

Establishing Right of Way for Vernon–Slocan Highway

NOTICE is given, pursuant to section 6 of the *Highway Act*, that all those portions of Lot 2, Sections 23 and 24; Lot 3, Section 24; both Plan 18721; the northeast quarter of Section 23, Plan B2053, Plan B3121; Lot 1, Section 23, Plan 11387; Lots 1, 2, 3, Section 25, Plan 4145; the southwest quarter of tion 25, Plan B1497 (except Plan M9124); the soutwest quarter of Section 25 (except Plans 4145, B4080, DD 7026 and DD 24108); the southeast quarter of Section 25 southeast quarter of Section 26, Plan B4080 (except Plan 4144); Lot 1, Section 25, Plan

PART TWO

From GeoTIFF to performant image mosaic web service

GEOTIFF TO IMAGE MOSAIC

- The GeoTIFFs are often huge. Largest, so far, is 4½ Gigabytes.
- 1,200+ files to date consume ¾ Terabytes of storage.
- Choose S3, Object Storage in BCGov, at 7¢/Gigabyte/month
- Size makes normal handling of these files impractical.
- MoTI's Steve Schmuland developed a method to compress these files to a tiny fraction of their original size.—0.6% on average
- This compression enables great performance

- **Checks if Multiband Raster**
- 1. Pulls image from image server
- 2. Convert to Grayscale
- 3. Slice Grayscale Raster by 2 (Equal Interval)
- 4. Set Null values to 2
- 5. Convert raster to point shapefile
- 6. Extract multi values from point shapefile (retains RGB values from pixel point lands on)
- 7. Field calculator, Takes RGB value and returns closest colour value to 0 or 255
- RED 255,0,0
- GREEN: 0,255,0
- Yellow: 255,255,0
- BLUE: 0,0,255
- the colour values (0:TRANSPARENT,1:BLACK,2:RED,3:GREEN,4:Yellow,5:BLUE)
- 8. Converts Point Shapefile to Raster with similar cell size of the original

IMAGE PROCESSING/COMPRESSION

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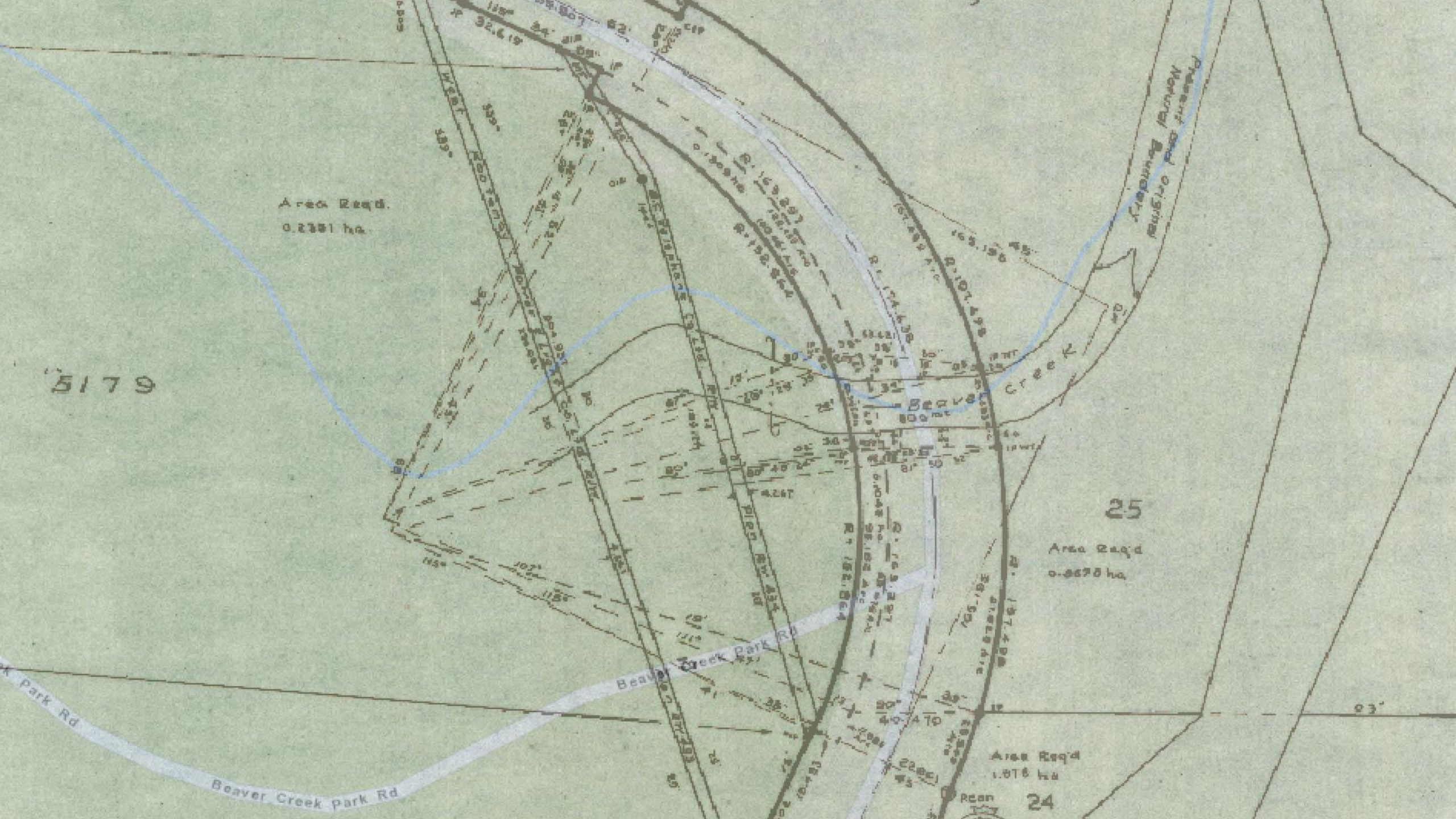
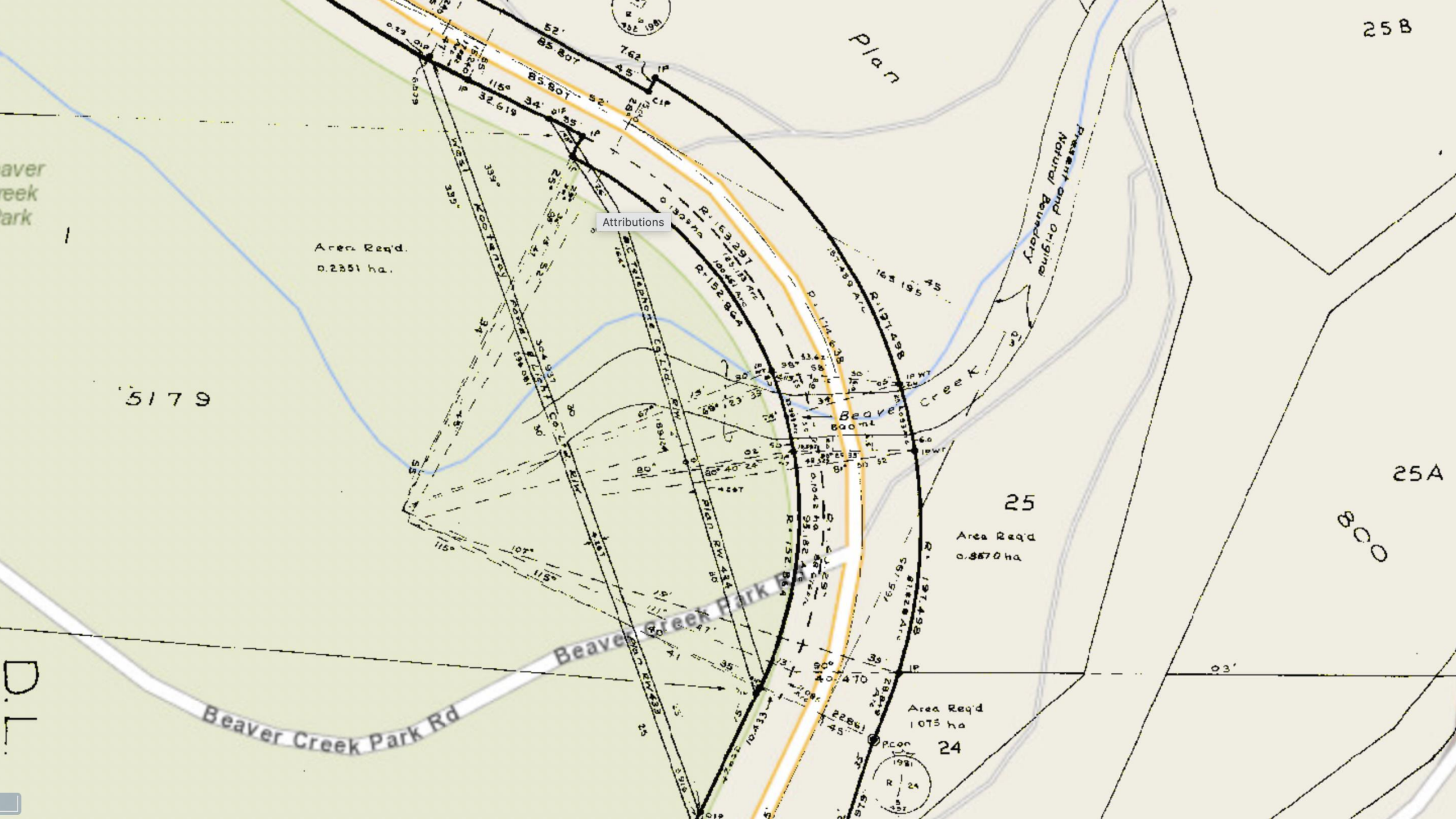
GEOSERVER STYLE RENDERS COLOURS



5179
Area Req'd.
0.2381 ha
Beaver Creek
Present and Original Natural Boundary
25
Area Req'd
0.8678 ha
Area Req'd
1.878 ha
24
Beaver Creek Park Rd
Beaver Creek Park Rd



Plan
25B
25A
25
24
800
5179
Area Req'd.
0.2351 ha.
Area Req'd
0.8570 ha
Area Req'd
1.075 ha
Beaver Creek
Beaver Creek Park Rd
Beaver Creek Park Rd
Present and Original Natural Boundary
West Kootenay Power & Light Co. Ltd. R/W
B.C. Telephone Co. Ltd. R/W
Plan RW 434
Attributions

Beaver Cre
800 m2
Plan
Co. Ltd. R/W
Co. Ltd. R/W
Light
304.937
174.638
197.498
53.621
98°
58'
30"
IP WT
15'
69°
29'
39"
74°
34'
67°
189.124
14'
80°
80°
40'
24"
4.267
5.0
02"
IP WT
48.529
90°
25'
35"
81°
50'
52"
6.0
IP WT
0.1042

Beaver
800 m2
174.638
197.498
53.621
98°
58'
30"
05"
34'
15'
69°
29'
39'
74°
67°
189.124
80°
80° 40' 24"
02"
5.0
10.597
90° 25' 35"
48.529
81° 50' 52"
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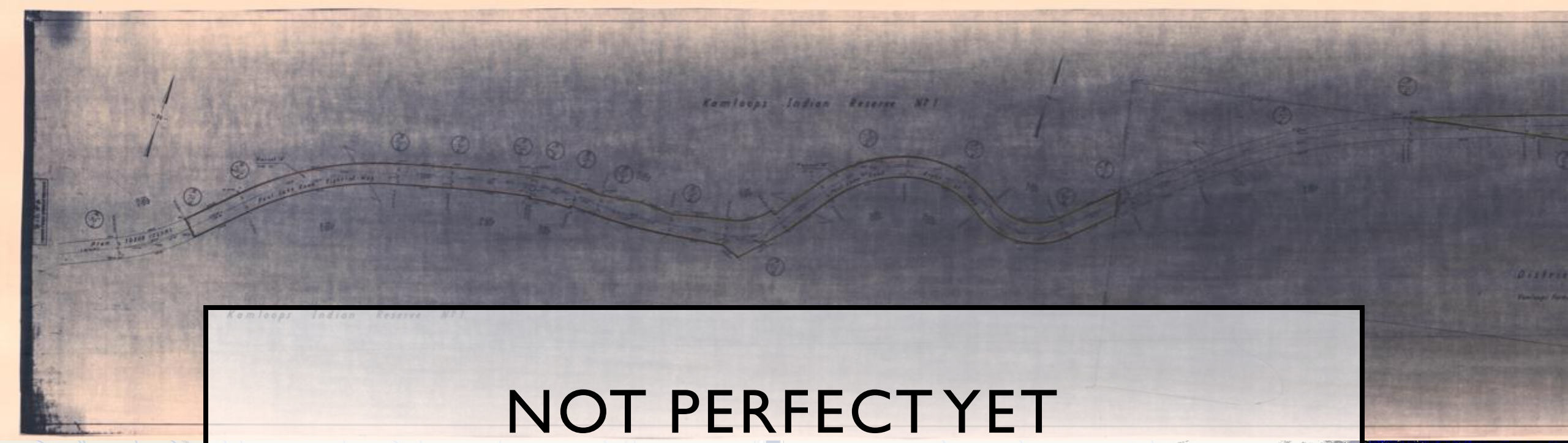
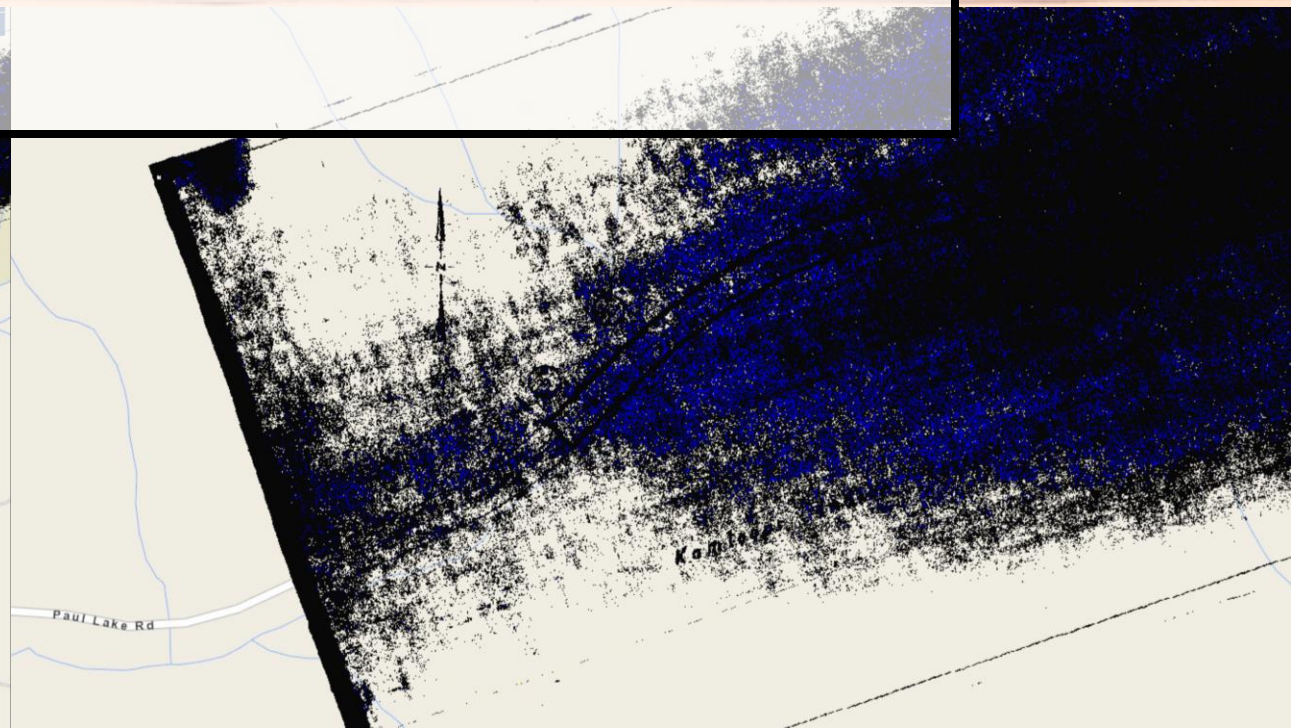
33.995 Arc
25 Lo93 Arc
304.937
Light Co. Ltd. R/W
Co. Ltd. R/W

NOT PERFECT YET





THE FUTURE

There are
between
15,000
And
30,000
more documents
to process

Leveraging ParcelMap BC at BC Assessment

Tom O' Brien, Senior GIS Analyst
BC Assessment

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BC ASSESSMENT

Leveraging Parcel Map BC at BC Assessment

Virtual Café – PMBC/ICI Society

December 2022

Tom O'Brien
Senior GIS Analyst, BC Assessment

PMBC Team and BCA GIS Team

BCA and LTSA have collaborated and supported each other since the inception of Parcel Map BC.

Our GIS Team, ParcelMap Team, and the folks at ICI Society **continuously improve** these datasets through active feedback and review.

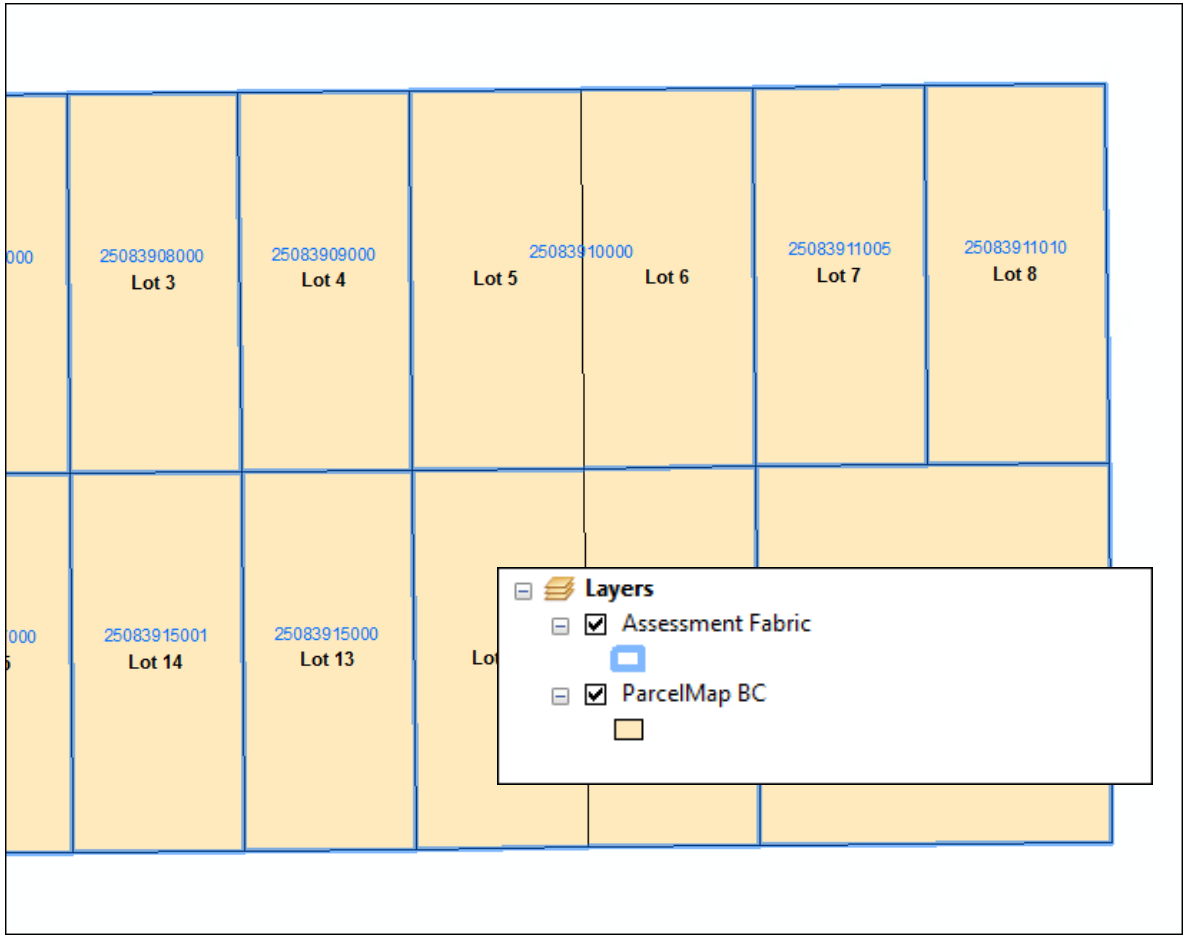
BC Assessment has 100's of eyes on these maps every day.

Assessment Fabric vs ParcelMap BC

PMBC has a many-to-one relationship with the Assessment Fabric.

There may be multiple lots dissolved into one AF polygon.

Example – Lot 5 and 6 centerline dissolved for folio 25083910000



Assessment Fabric Composition

Source	Description	Parcel Count	Percent
PMBC	**Parcel Map BC**	**2083390**	**96%**
BCA	Diamond placeholders	21720	1%
NRCAN	First Nations Parcels	18886	0.8%
CT	Crown Tenures	15176	0.7%
WELLS	GDM Wells (Oil and Gas)	15138	0.7%
PIPES	GDM Pipelines (Oil and Gas)	10077	0.5%
ICIS	ICI Society Cadastre	5002	0.2%
SP	Crown Survey Parcels	3296	0.15%
NISGAA	Nisga'a Parcels	947	< 0.1%
SUP	Special Use Permits	836	< 0.1%
PMV	Port Metro Vancouver Leases	800	< 0.1%
RW	Crown Right of Ways	236	< 0.1%
NPA	Nanaimo Port Authority Leases	79	< 0.1%

Assessment Fabric Utility

The AF can be used to join to other datasets provided by BC Assessment on jurisdiction and roll number.

Any BCA report or table should have a JUROL field, and if not you can request it. You can then join directly to the Assessment Fabric

Jurisdiction + Roll Number = JUROL
JUROL || AFP_OID

OPS.SDE.ASSESSMENT_FABRIC_POLYGON

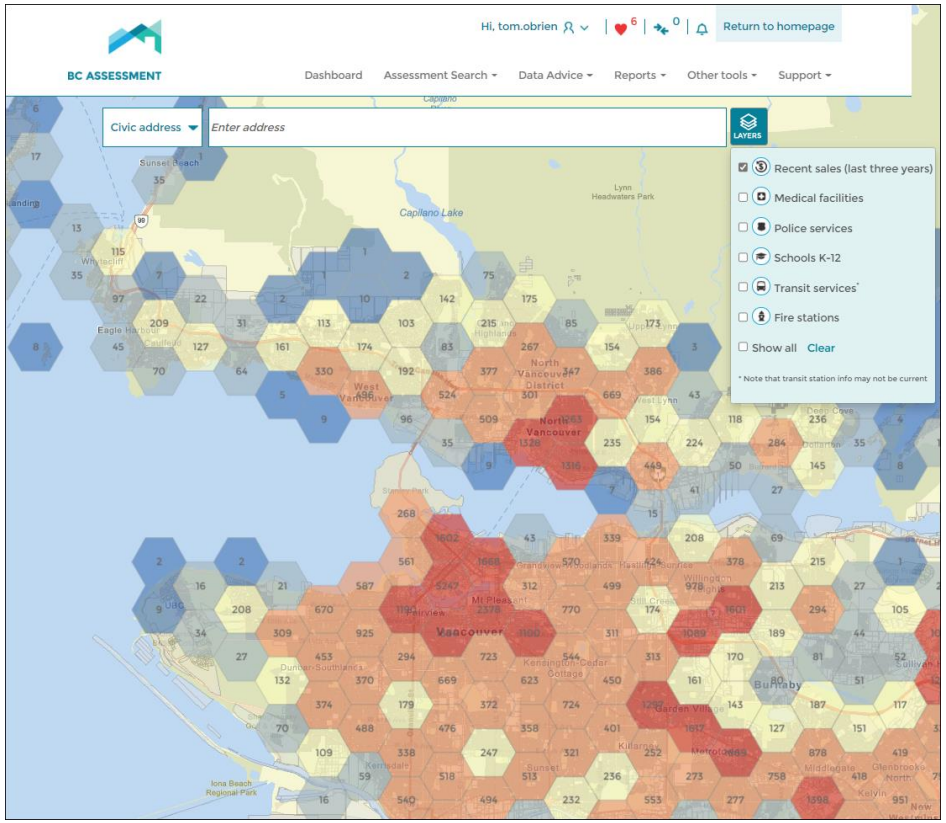
OBJECTID *	AFP_OID *	JURISDICTION	JUR_NEIGH	CREATION_DATE	
595490	23402119015	234	234022	24-Jul-22 2:55:10 PM	24-Ju
595491	23402119016	234	234022	24-Jul-22 2:55:10 PM	24-Ju
595492	23402119017	234	234022	24-Jul-22 2:55:10 PM	24-Ju
595493	23402119018	234	234022	24-Jul-22 2:55:10 PM	24-Ju
595494	23402119019	234	234022	24-Jul-22 2:55:10 PM	24-Ju
595495	23402119020	234	234022	24-Jul-22 2:55:10 PM	24-Ju
595496	23402119022	234	234022	24-Jul-22 2:55:10 PM	24-Ju
595497	23402119023	234	234022	24-Jul-22 2:55:10 PM	24-Ju
595498	23402119024	234	234022	24-Jul-22 2:55:10 PM	24-Ju
595499	23402119026	234	234022	24-Jul-22 2:55:23 PM	24-Ju
595500	23402119027	234	234022	24-Jul-22 2:55:23 PM	24-Ju
595501	23402119028	234	234022	24-Jul-22 2:55:23 PM	24-Ju
595502	23402119029	234	234022	24-Jul-22 2:53:06 PM	24-Ju

BCA Internal Uses

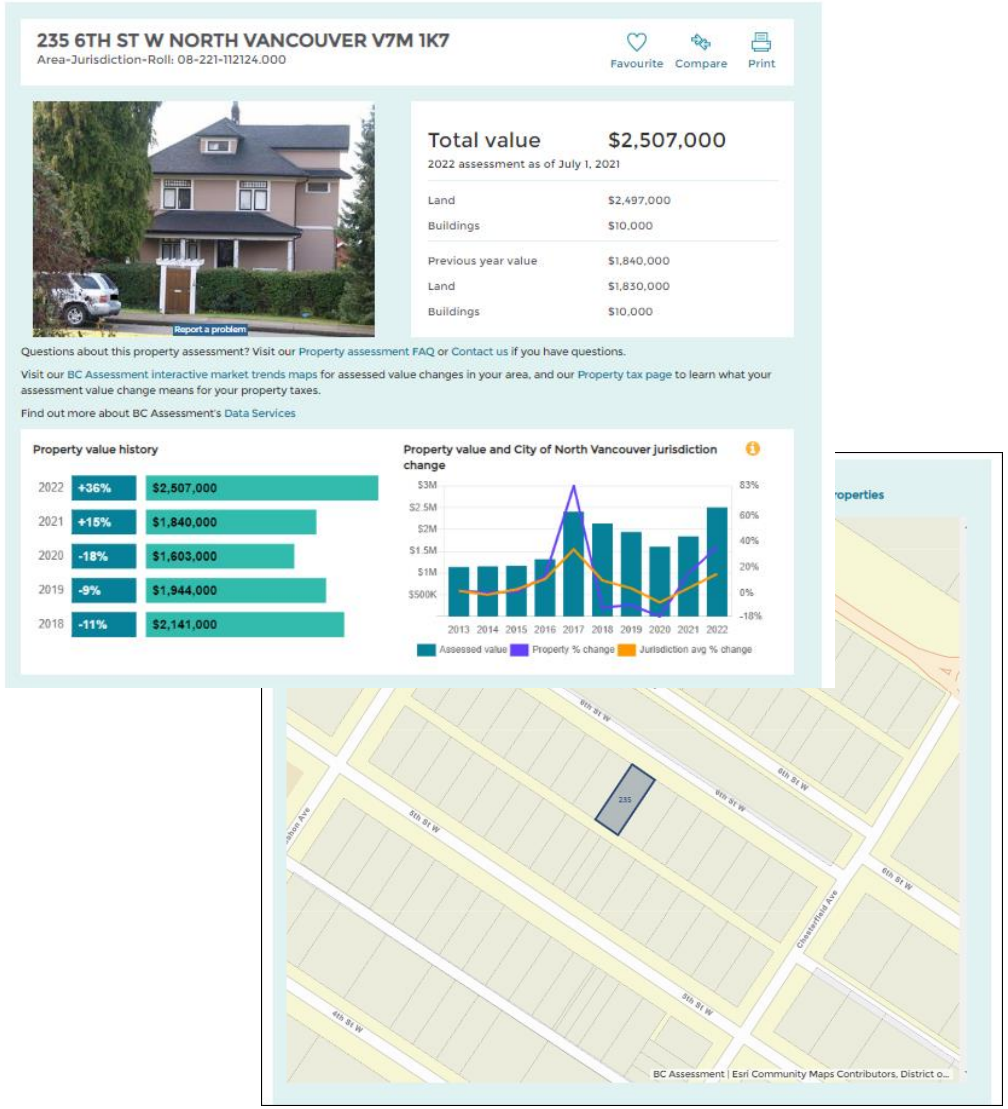
CAMA =
(computer aided mass appraisal)

We have integrated our mapping into the CAMA system so that we can theme and label on property information.

BC Assessment Website



Assessment Search Map
Sales (3 years)



Property Mapping

Summary

- BCA has worked with the LTSA since the inception of Parcel Map BC.
- BCA continues to collaborate with the LTSA and ICI Society to continuously improve the cadastre product.
- Parcel Map BC has provided use with a stable, accurate, and standardized cadastre dataset for uses throughout our organization and our public website.

Thank you!

Tom O’Brien, Sr GIS Analyst

Email: tom.obrien@bcassessment.ca

Lands Branch ParcelMap BC Adoption

Scott Griffiths, Manager, Major Initiatives, Lands Branch
Ministry of Forests

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BRITISH COLUMBIA

Ministry of Forests

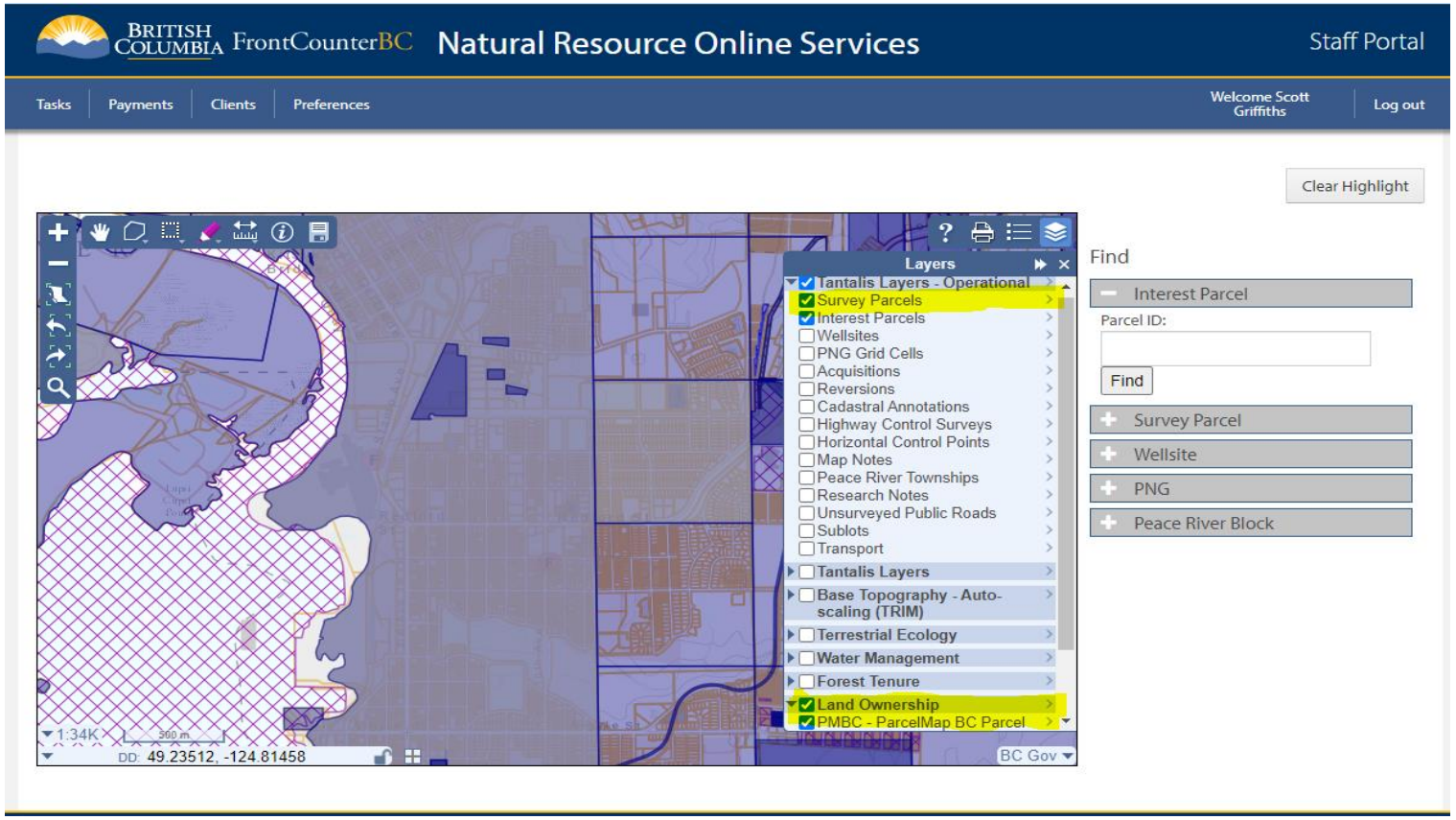
Lands Branch PMBC Adoption

- Integration of PMBC data layer within Crown Land Registry (Tantalis)
- Retirement of Online Cadastre – adoption of PMBC/iMAP

December 2022

Integration of PMBC into Crown Land Registry – Tantalis

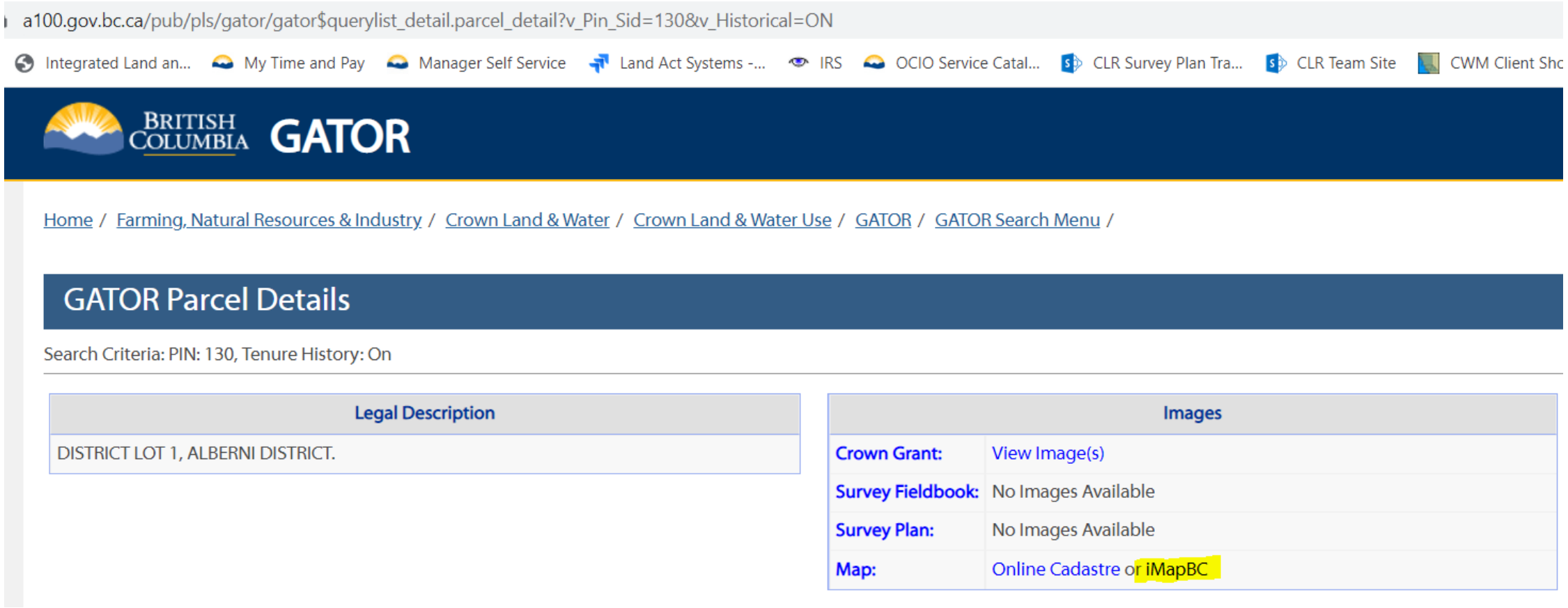
- Integration of PMBC layer into Tantalis spatial viewer allows Lands program staff to directly compare PMBC spatial data with Tantalis - Survey Parcel data
- Staff can easily and directly access PMBC data from within CLR spatial toolset (Edit Your Online Registry – EYOR)



Retirement of Online Cadastre (ICF) – replace with PMBC/iMAP

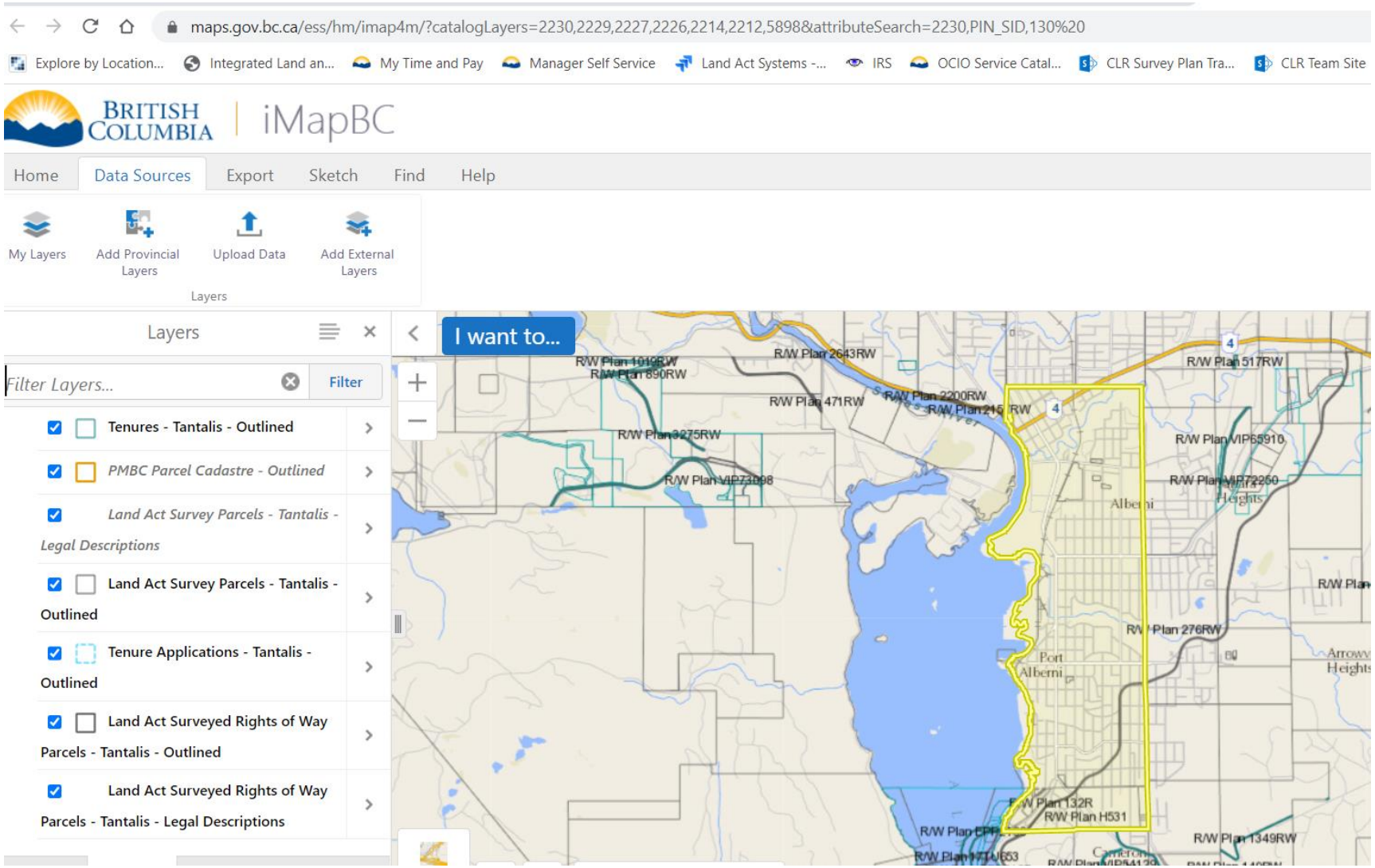
- Lands Branch is responsible for GATOR website
- GATOR has leveraged OLC/ICF for approximately 20 years to provide users with a spatial view of Crown Land Registry interests
- Pending retirement of OLC/ICF layer has driven adoption of PMBC and iMAP to present spatial results from GATOR searches
- GATOR creates a unique link to iMAP, including PMBC layer in view of CLR interests

GATOR Search screen – link to OLC and iMAP



OLC link will be removed/retired from GATOR in mid-December 2022

- GATOR creates unique link to iMAP, highlighting CLR interest, while also providing relevant layers for GATOR users



Ongoing Lands Program support for PMBC adoption

- Lands program has integrated PMBC in our work tools and analysis, no longer using OLC/ICF for verification of private ownership interests
- Lands program continues to work with PMBC team to validate/update shapes from CLR as may be required over time
- Coordinated effort will continue to support adoption of PMBC, while also improving the cadastral fabric itself through iteration and improvements to identified survey data within source registries

FrontCounterBC's Use of ParcelMap BC

Shana Bow, Operations Services, Supervisor, FrontCounter BC Provincial Team
Ministry of Land, Water and Resource Stewardship

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Feedback, Questions & Closing Remarks

ParcelMap BC Resources:

- Adoption Resources & Tools
- Data Products & Descriptions
- Webinars & Workshops (slides & videos)

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Thank You For Participating!

Video recording & slide deck will posted soon!
https://help.ltsa.ca/parcelmap-bc-workshops-and-tutorials

Learn more at:
ltsa.ca/parcelmapbc
help.ltsa.ca/parcelmap-bc

→ Have questions? Contact us parcelmapbc@ltsa.ca

→ *ParcelMap BC Newsletter: Sign up here!*

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