

A vintage photograph of a forest landscape. The background is filled with tall, thin, vertical tree trunks, likely pines or firs, which are slightly out of focus. The ground in the foreground is covered with low-lying vegetation, possibly ferns or small shrubs, and there is a noticeable mist or smoke rising from the ground, creating a hazy atmosphere. The overall color palette is muted, with various shades of blue, green, and brown.

A History of Lakelse Hot Springs

Kelsey Wiebe

Lakelse Hot Springs, 1907.
Johnstone Collection.

APPENDIX II.

DEPARTMENT OF NATIONAL HEALTH AND WELFARE
PUBLIC HEALTH ENGINEERING DIVISION

CHEMICAL ANALYSIS OF WATER

LOCATION: Lakelse, B.C. DATE SAMPLED: 22/9/50

IONS, ETC.	PARTS PER MILLION			
	Group 1	Group 2	Group 3	Group 4
Calcium (Ca)	46.6	34.1	16.5	18.0
Magnesium (Mg)	0.5	1.2	0.7	0.6
Sodium (Na) calculated	320.1	234.4	117.4	119.3
Bicarbonate as Carbonate (CO ₃)	13.2	18.0	14.4	13.2
Carbonate (CO ₃)	2.4	nil	nil	nil
Sulphate (SO ₄)	457.0	335.0	182.9	166.5
Chloride (Cl)	215.9	151.6	58.2	76.4
Nitrate (NO ₃)	-	-	-	-
Fluoride (F)	3.3	2.8	1.2	1.5
Silica (SiO ₂)	50.6	43.8	30.4	29.4
Alumina & Iron oxide (R ₂ O ₃)	negligible	neg.	neg.	neg.
Loss on ignition at 600°C	-	-	-	-
Total dissolved solids (calculated)	1109.6	820.9	421.7	424.9
Total dissolved solids (determined)	1186.	904.	456.	480.
Phenolphthalein Alkalinity as CaCO ₃	2.0	nil	nil	nil
Methyl Orange Alkalinity as CaCO ₃	26.0	30.0	24.0	22.0
Total Calcium & Magnesium Hardness	118.6	90.2	44.2	47.5
Ammonia Nitrogen	-	-	-	-
Albuminoid Ammonia Nitrogen	-	-	-	-
Nitrite Nitrogen	nil	nil	nil	nil
Nitrate Nitrogen	-	-	-	-
Dissolved Oxygen (O ₂)	-	-	-	-
Free Carbon Dioxide (CO ₂)	-	-	-	-
Colour (Hazen)	<5.	040	035	030
Sediment	present	slight	present	present
Iron (Fe) in solution	0.18	0.14	0.2	0.44
pH	8.25.	7.0	6.52	6.25

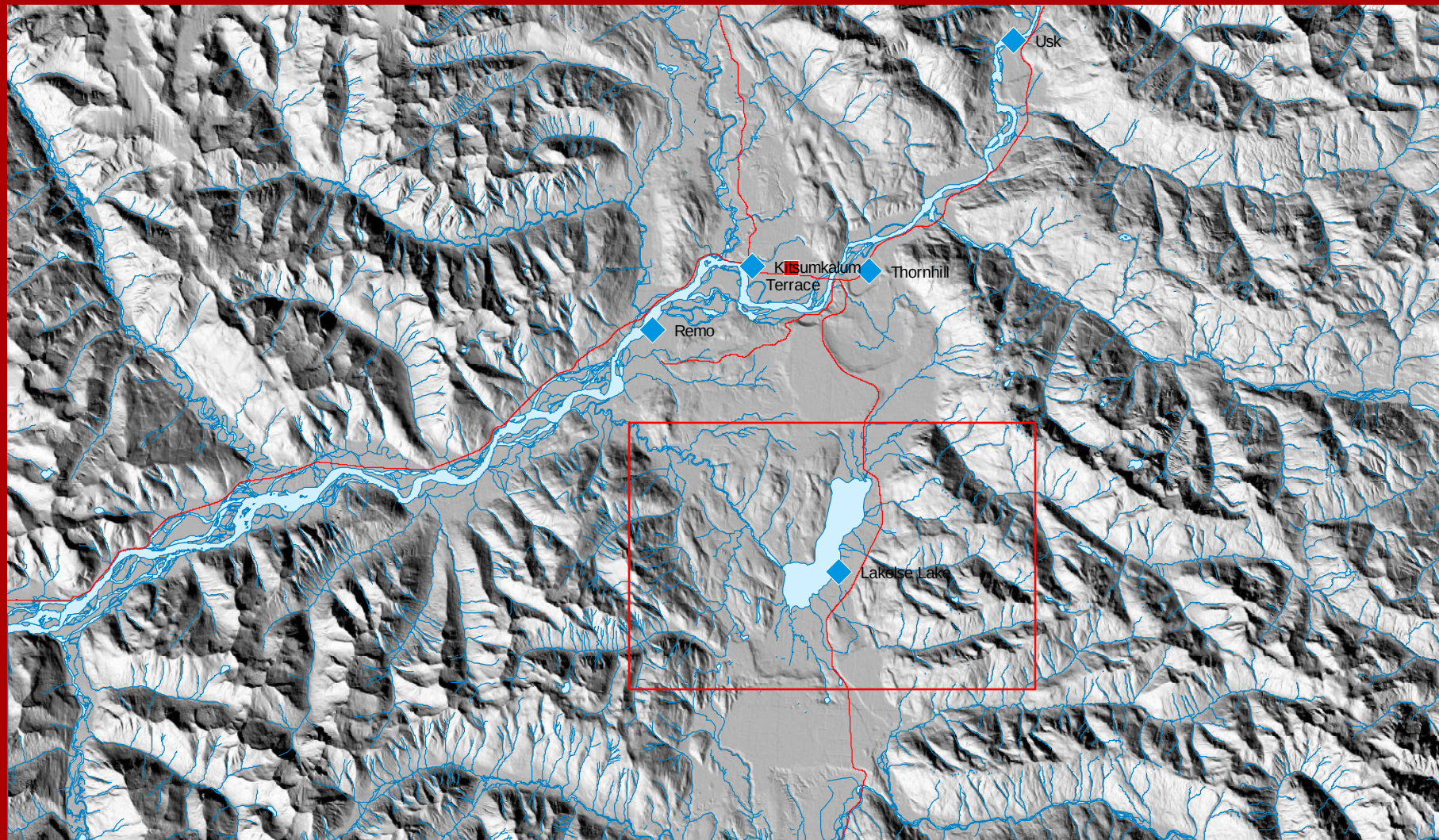
Remarks - There does not appear to be any appreciable amount of lithium in any of these samples

Date: Oct. 31/50

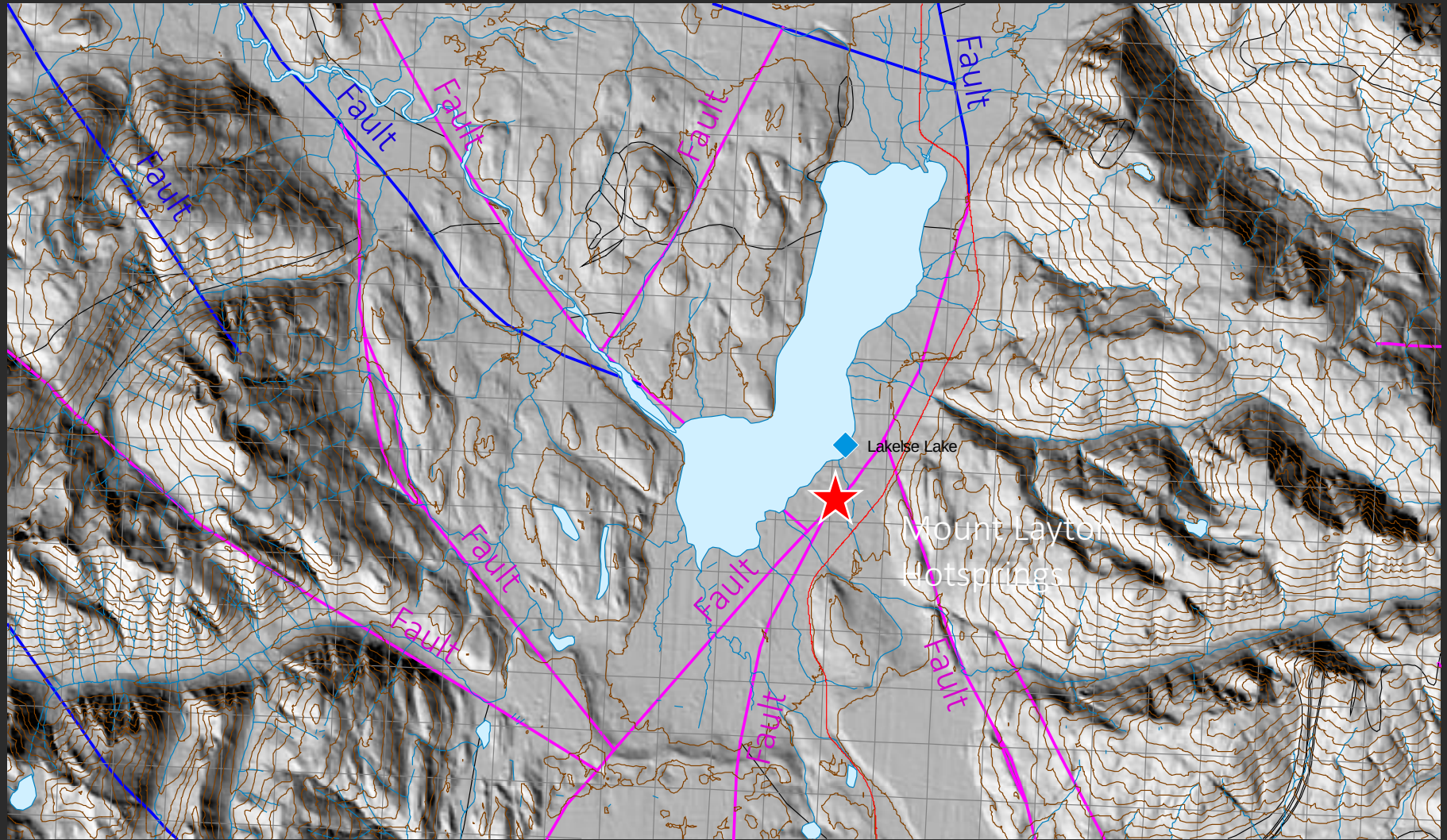
"F.E. Artlett" - Chemist

Chemical
report on the
Lakelse Hot
Springs. 31
October 1950.

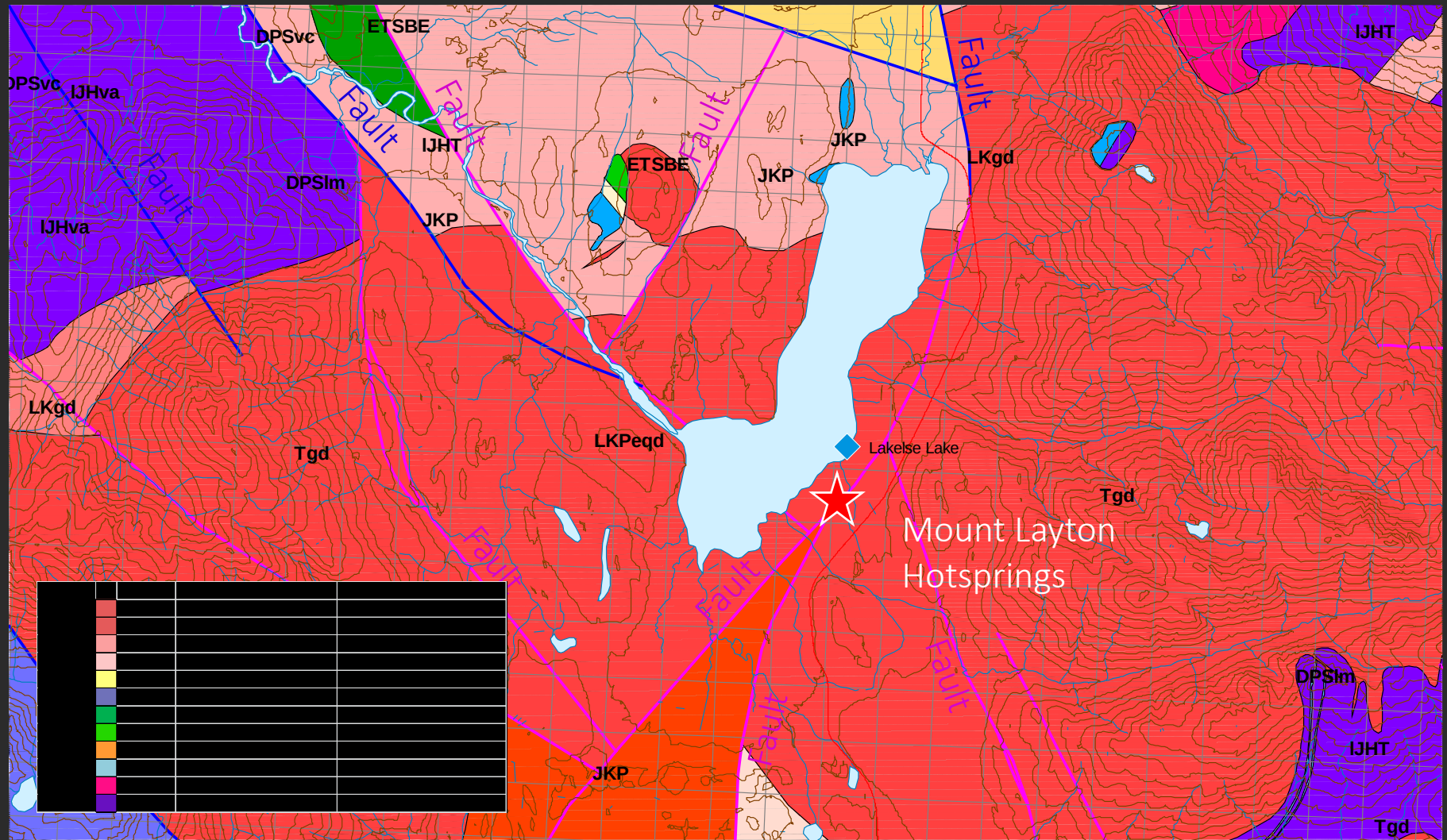
Terrace Area



Lakelse Lake showing Fault Traces

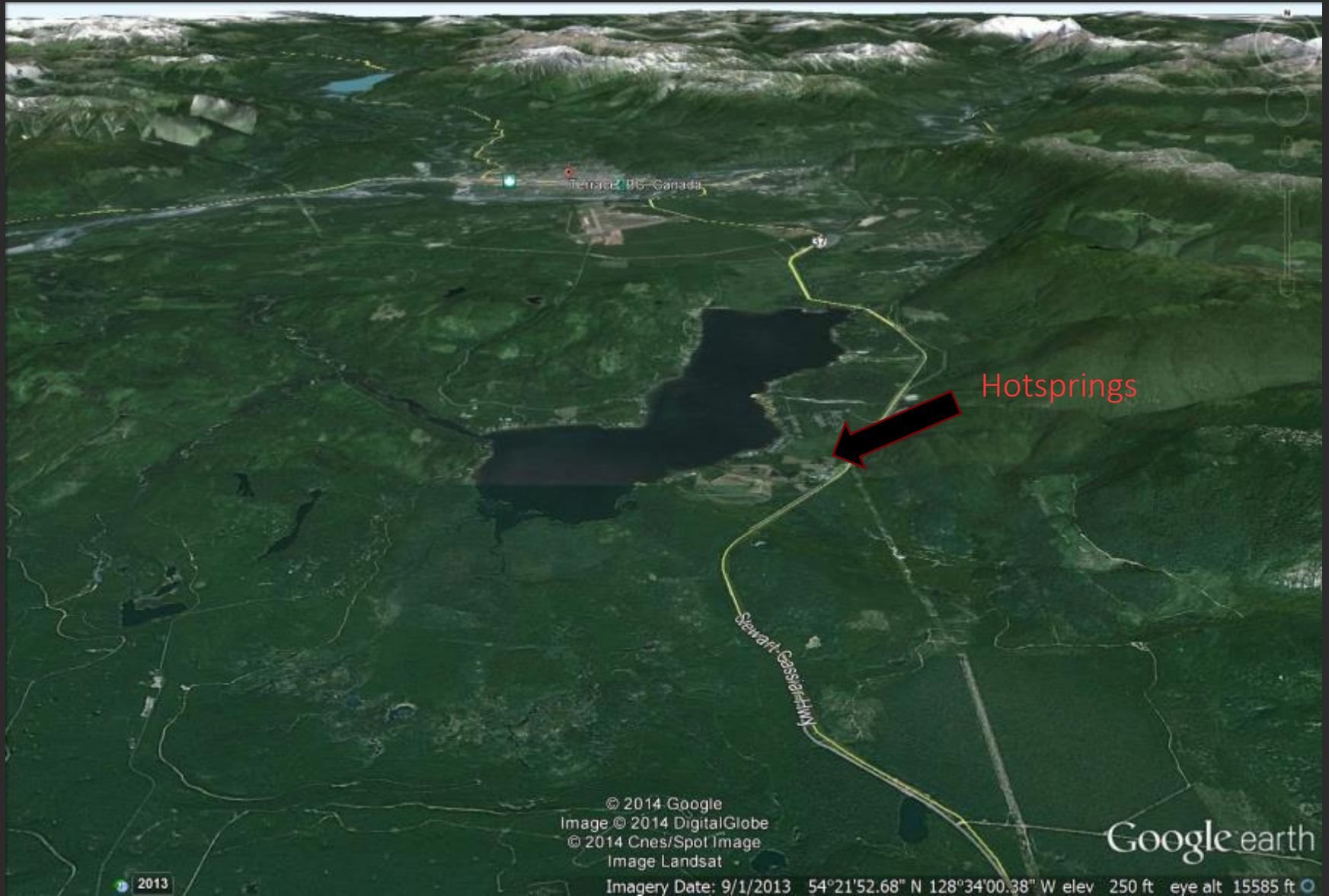


Lakelse Lake Local Geology

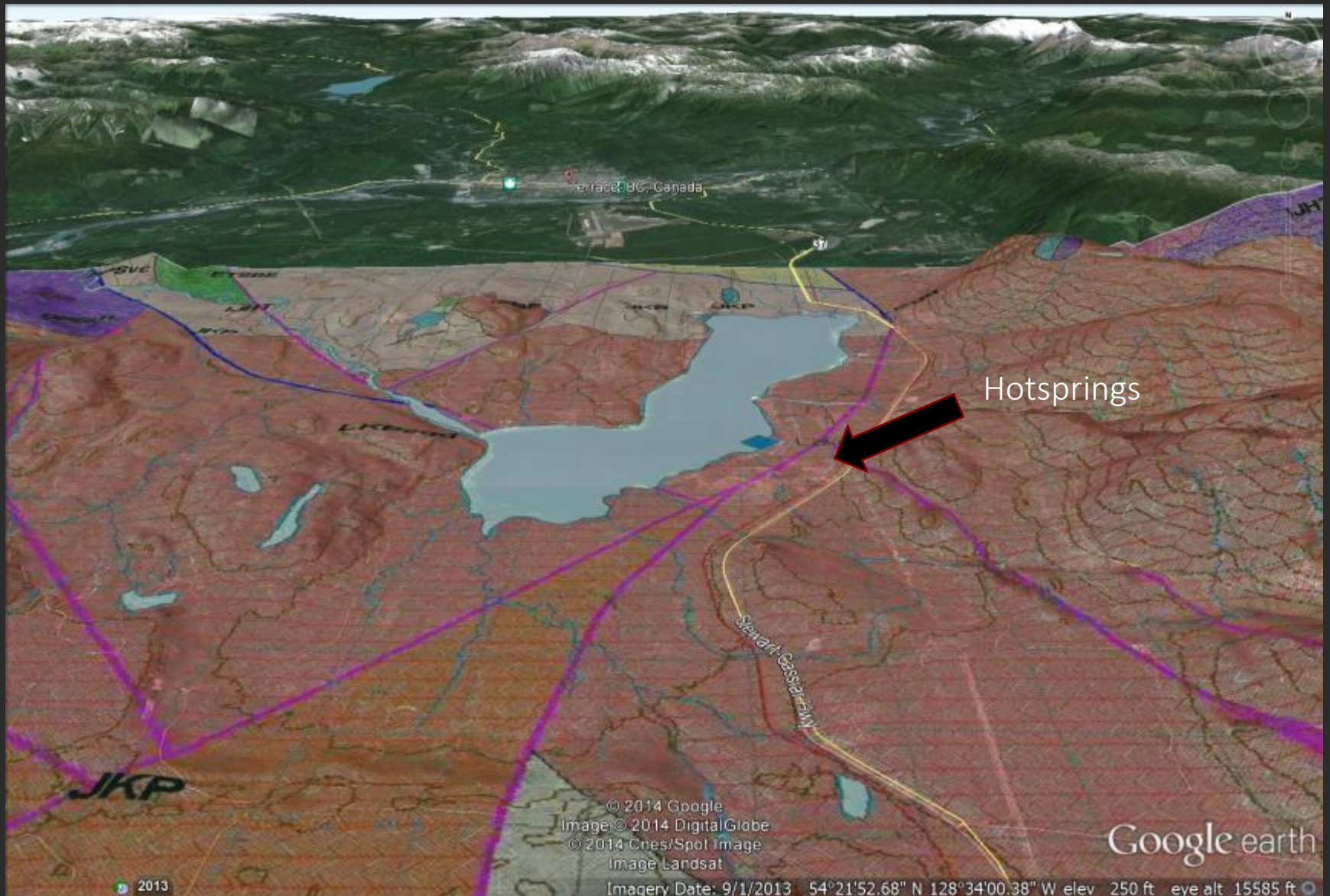


Notice the confluence of multiple faults in the area. This likely plays a key role in the development of the hotsprings

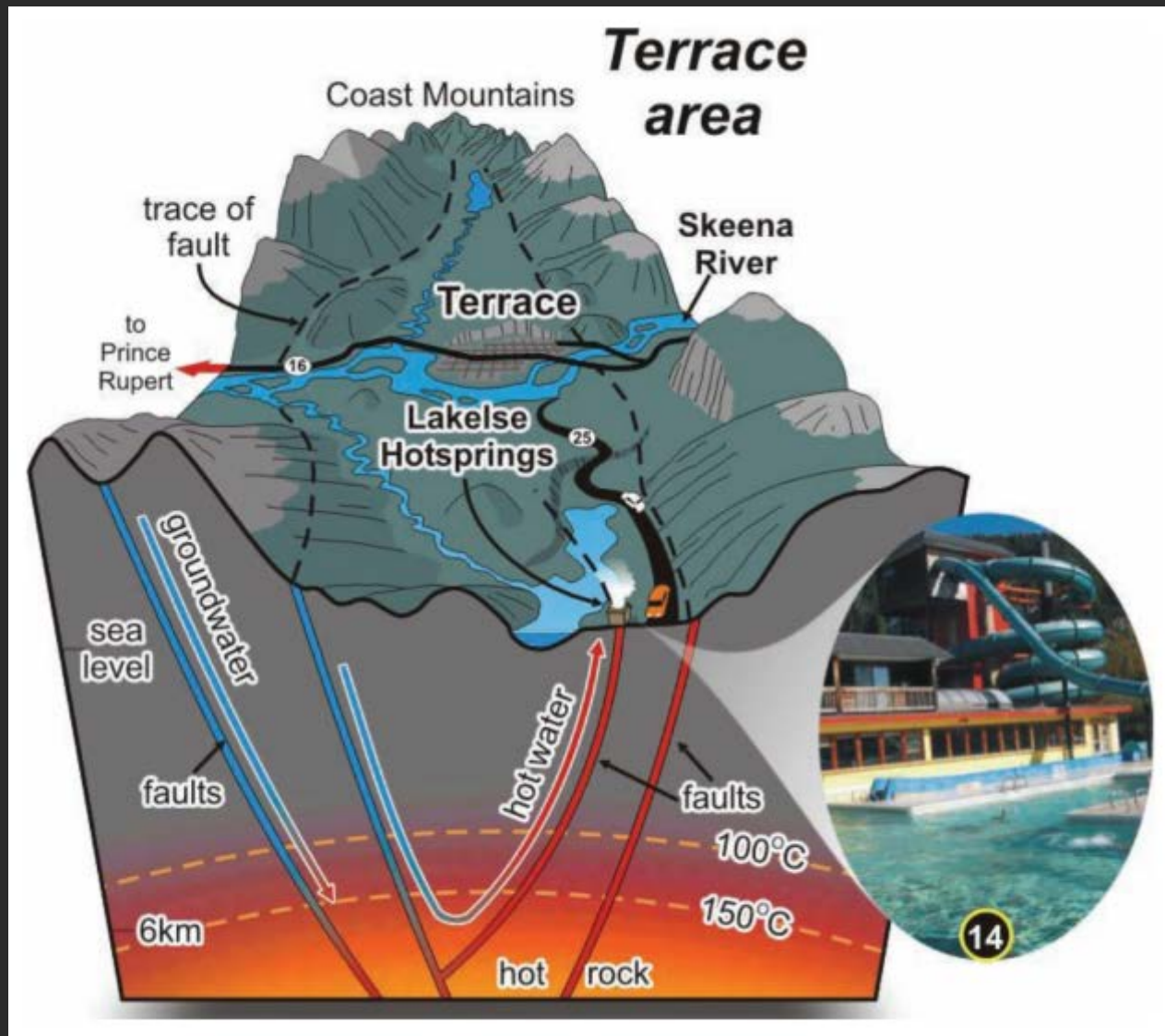
Looking North to Terrace



With BCGS Geology overlain



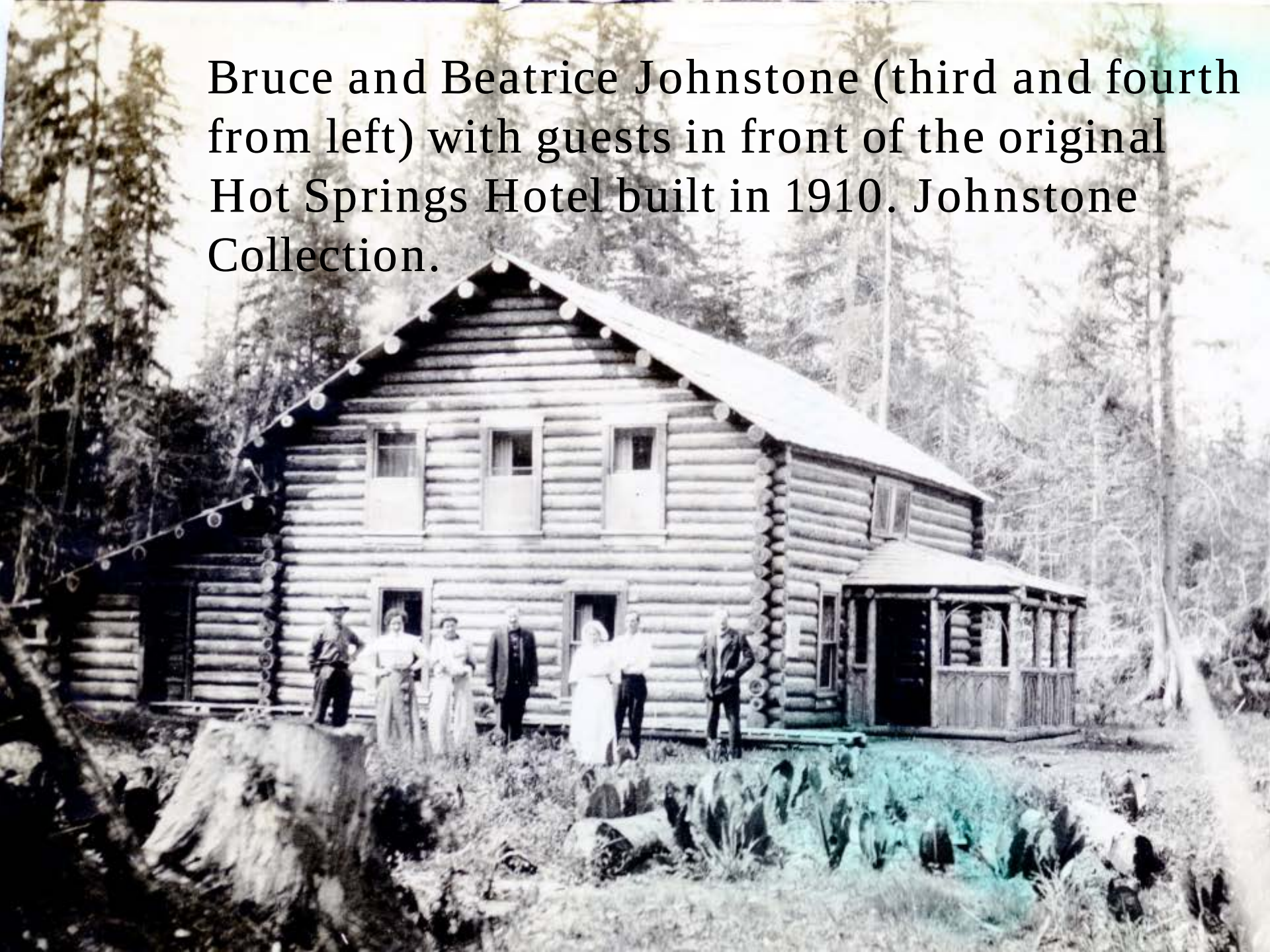
Schematic view of geothermal “plumbing” system that feeds the hot springs





Original Lodge at Hot Springs. 1922.
Johnstone Collection.

Bruce and Beatrice Johnstone (third and fourth from left) with guests in front of the original Hot Springs Hotel built in 1910. Johnstone Collection.





V-shaped trough carrying hot springs water. Lloyd Johnstone in foreground. 1928. Johnstone Collection.

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**Lakelse Hot Springs
and WIGWAM HOTEL**

At beautiful Lakelse Lake. 12 miles from
Terrace station. Temperature of Springs,
134 deg. Finest Health and Pleasure Re-
sort in the North. Rates \$2.50 per day.
American plan. 8-2m

FORT GEORGE NEW HAZELTON
NELSON VICTORIA

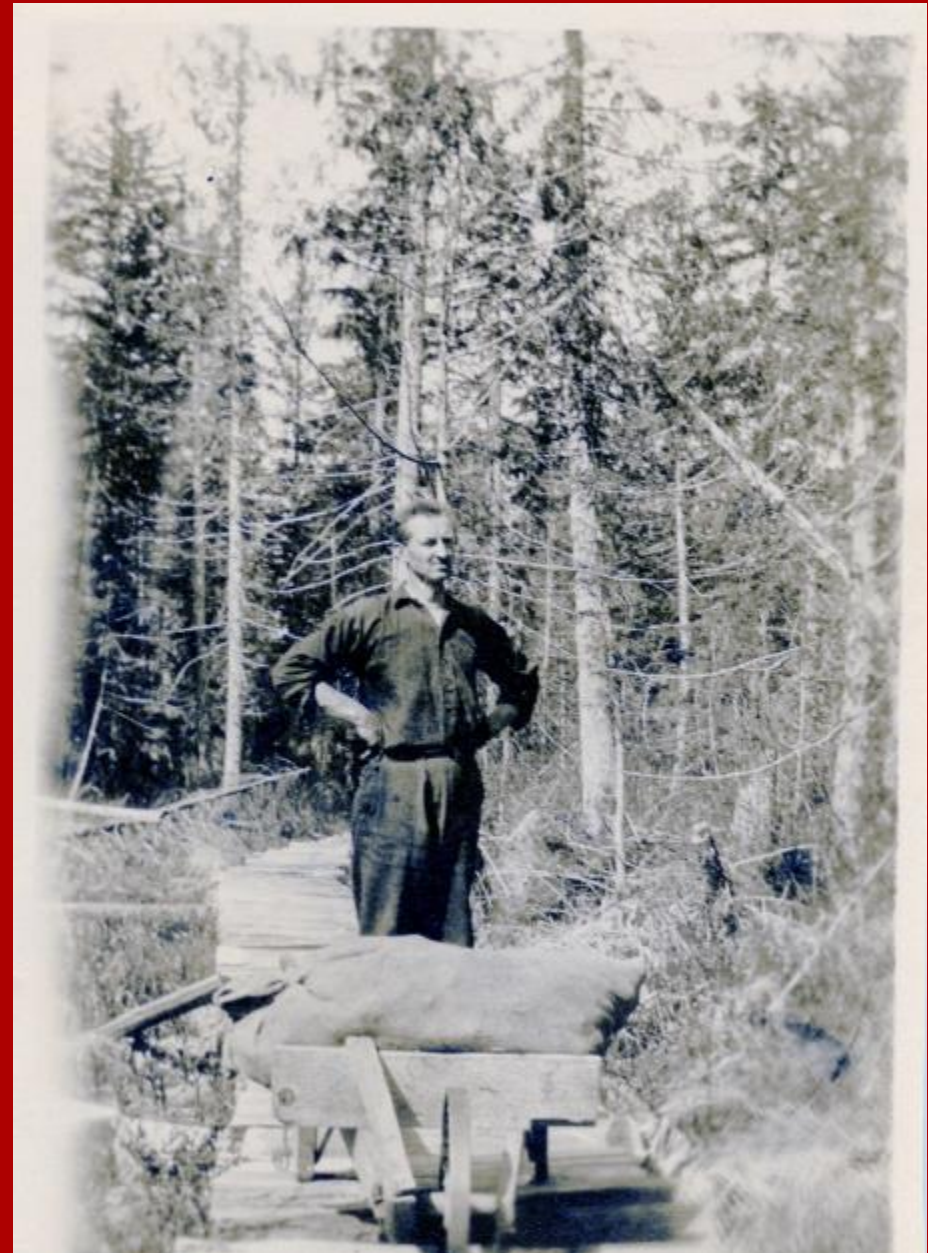
GREEN BROS. BURDEN & CO.
DOMINION AND B. C. LAND
SURVEYORS
Lands, townsites, mineral claims surveyed

ALL THE MODERN CONVENIENCES

DR. L. E. GILROY
DENTIST
SMITH BLOCK PRINCE RUPERT

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Newspaper Ad. Right:
Bruce Johnstone on the
split cedar walkway, 1920.
Johnstone Collection.





Lakeshore Lodge under construction. 1929.
Johnstone Collection.



Lakeshore Lodge, c. 1930s. Johnstone Collection.



Lakeshore Lodge, 1929-1930s. Johnstone Collection.



Mud masks at the main spring. Johnstone Collection.



Johnstone Cabin at Lakelse Lake, prior to move to Heritage Park Museum. Heritage Park Museum Collection.



Krista Johnstone, great granddaughter of Bruce Johnstone, in the Johnstone Cabin at Heritage Park Museum. 15 July 2012. Amy Warner Photo.



Ray Skoglund.
Skoglund
Collection.



Winter 1958. Skoglund Family Collection.



Outdoor
Pool. 1959-
1962.
Skoglund
Family
Collection.



Skoglund Hot Springs Resort.
Heritage Park Museum Collection.



1958-1968. Heritage Park Museum Collection.

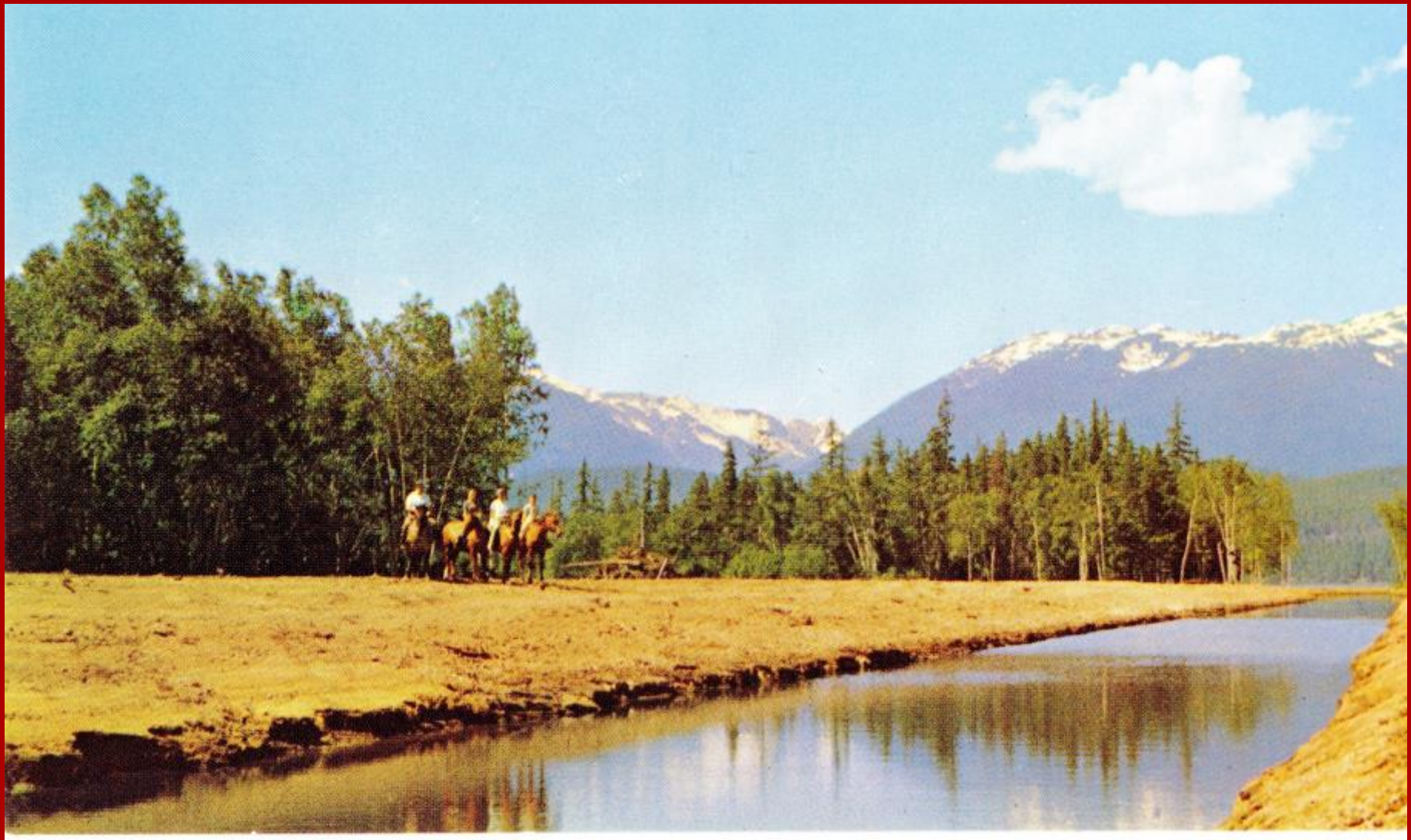
**ALL-WEATHER POOL
LAKELSE HOT SPRINGS,**



Postcard. Heritage Park Museum Collection.



Skogy's Ski Hill. February 1966.
Skoglund Family Collection.



Canal horse rides. 1960s.
Skoglund Family Collection.





BUCKINGHAM PALACE

1st May 1959.

Dear Mr. Skoglund,

I have been asked by The Duke of Edinburgh to thank you very much for your letter, and for your kind thought in writing.

His Royal Highness was most interested to see the article about the Lakelse Hot Springs in the copy of "The Northwest Digest" which you enclosed

Yours sincerely,

James OH

R.D. Skoglund, Esq.

Letter from
Buckingham
Palace to Ray
Skoglund. 1
May 1959.
Skoglund
Collection.

SKOGLUND HOTSPRINGS RESORT



Bob Erb pillow donation.

TERRACE B.C. CANADA



Bert Orleans, Ray Skoglund, and Lloyd Johnstone. Via terracelibrary.ca.



Two special guests at the recent grand opening of the Mount Layton Hot Springs, Justine Ewart and Carrie McLeod, demonstrate that Bert Orleans' creation is truly a resort for all seasons by embracing a snowman after taking a plunge down the waterslide. Ewart (left) is the granddaughter of Ray Skoglund, who developed the hot springs during the 1970's, and McLeod is the great-granddaughter of Bruce Johnstone, who pioneered the original development in 1907.

Terrace Review. 2
March 1988.



Photos from
OurBC.com and
Bobbea.com.
1990s.





Mount Layton Hot Springs

Conference Centre roof (uncompleted).
Merv Ritchie Photo. 2009.





UFO H20 and unfinished convention centre. Merv Ritchie photo. 2009.



Mike Skitcko, Fran Skitcko, Jennifer Christison, Eric Christison, and Aleza Christison. Late 1980s.