

# YESAB

Yukon Environmental and  
Socio-economic Assessment Board

## Map Package

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*2016-0064*

*Takhini Hot Springs New Pools Project*

**Proponent:** Garry Umbrich

**Prepared on:** April 18, 2016

**Prepared by:** Karin Voogd, Admin. Assistant

**Whitehorse Designated Office**

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[www.yesab.ca](http://www.yesab.ca)

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# Notes:

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**YESAA Assessment District:** Whitehorse

**Coordinates:**

The proposed project is located on map sheet 105D14.

UTM Zone: 8	Degrees, Minutes, Seconds	Decimal Degrees
480313.7441 E	60° 52' 42.96" N	60.8786 ° N
6749319.8081 N	135 ° 21' 45.36" W	- 135.3626 ° W

**Watershed(s) and Drainage Region of Project Area as indicated on the YESAB Geo-Locator:**

Major Drainage Area: Yukon Drainage Area

Sub Drainage: Headwaters Yukon

Sub-Sub Drainage: Takhini

**Traditional Territory:**

Kwanlin Dün First Nation Traditional Territory

Ta'an Kwäch'än Council Traditional Territory

It has been determined that the proposed project is within either the Primary or Secondary use area of the Tetlit Gwich'in

Yes, it is within the  Primary  Secondary Use Area

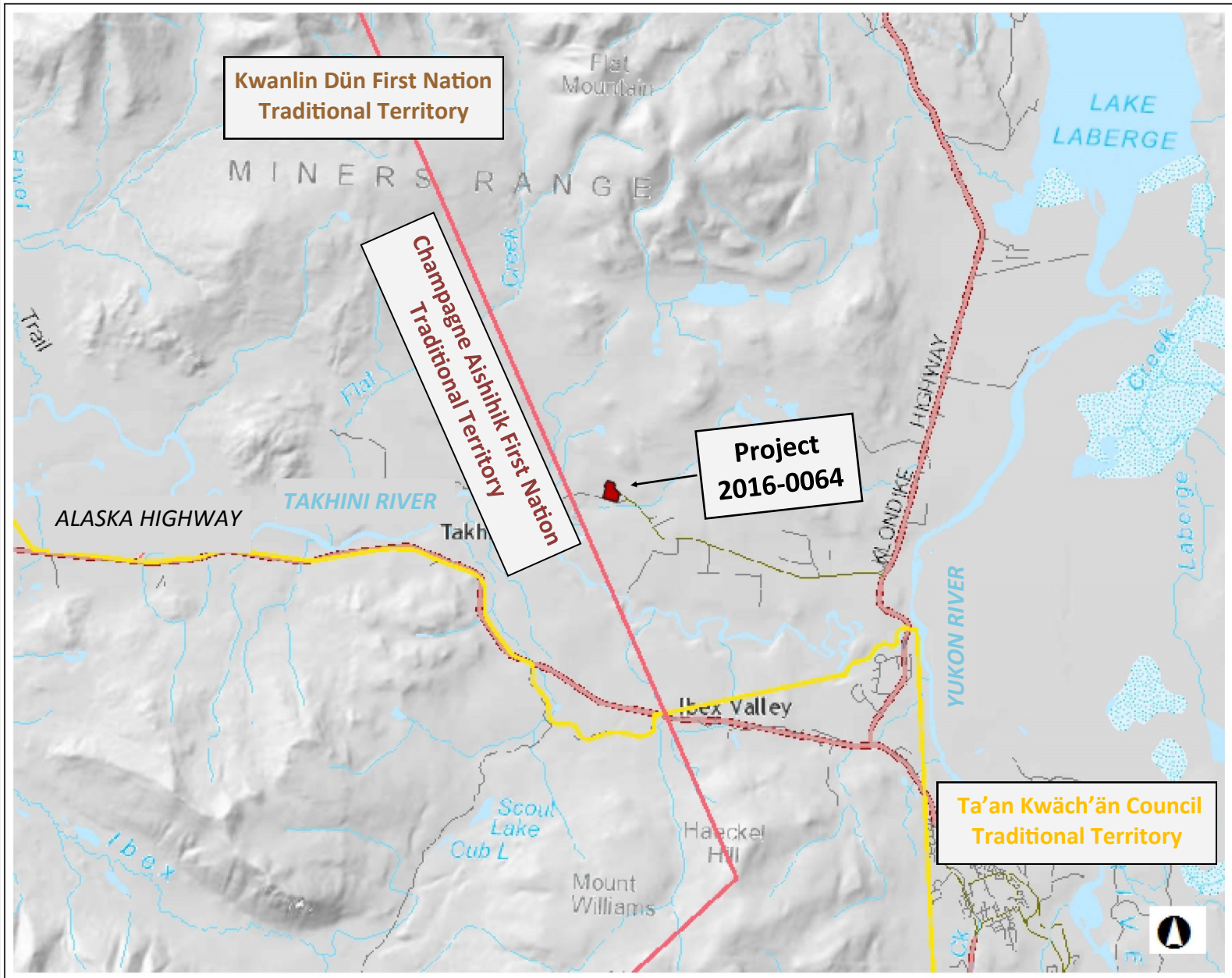
No

The proposed project is within the Settlement Region of the Inuvialuit.

Yes  No

**Regional Land Use Plan in effect:**

Yes, it is the \_\_\_\_\_ Plan  No



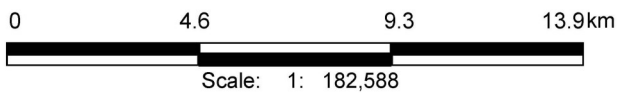
- ### Legend
- First Nations Traditional Territories**
- █ Carcross/Tagish First Nation
  - █ Champagne and Aishihik First Nations
  - █ First Nation of Na-cho Nyäk Dun
  - █ Inuvialuit
  - █ Kaska Dena Nation (Ross River and Li
  - █ Klwane First Nation
  - █ Kwanlin Dün First Nation
  - █ Little Salmon/Carmacks First Nation
  - █ Selkirk First Nation
  - █ Ta'an Kwäch'än Council, Traditional Te
  - █ Tet'it Gwich'in Council (Primary Use A
  - █ Tet'it Gwich'in Council (Secondary Use
  - █ Teslin Tlingit Council
  - █ Tr'ondëk Hwäch'in
  - █ Vuntut Gwitchin First Nation
  - █ White River First Nation



**PROJECT DETAILS**

**Project:** 2016-0064  
 Takhini Hotspings New Pools Project  
**Proponent:** Garry Umbrich  
**Office:** Whitehorse Designated Office

Projection: Yukon Albers



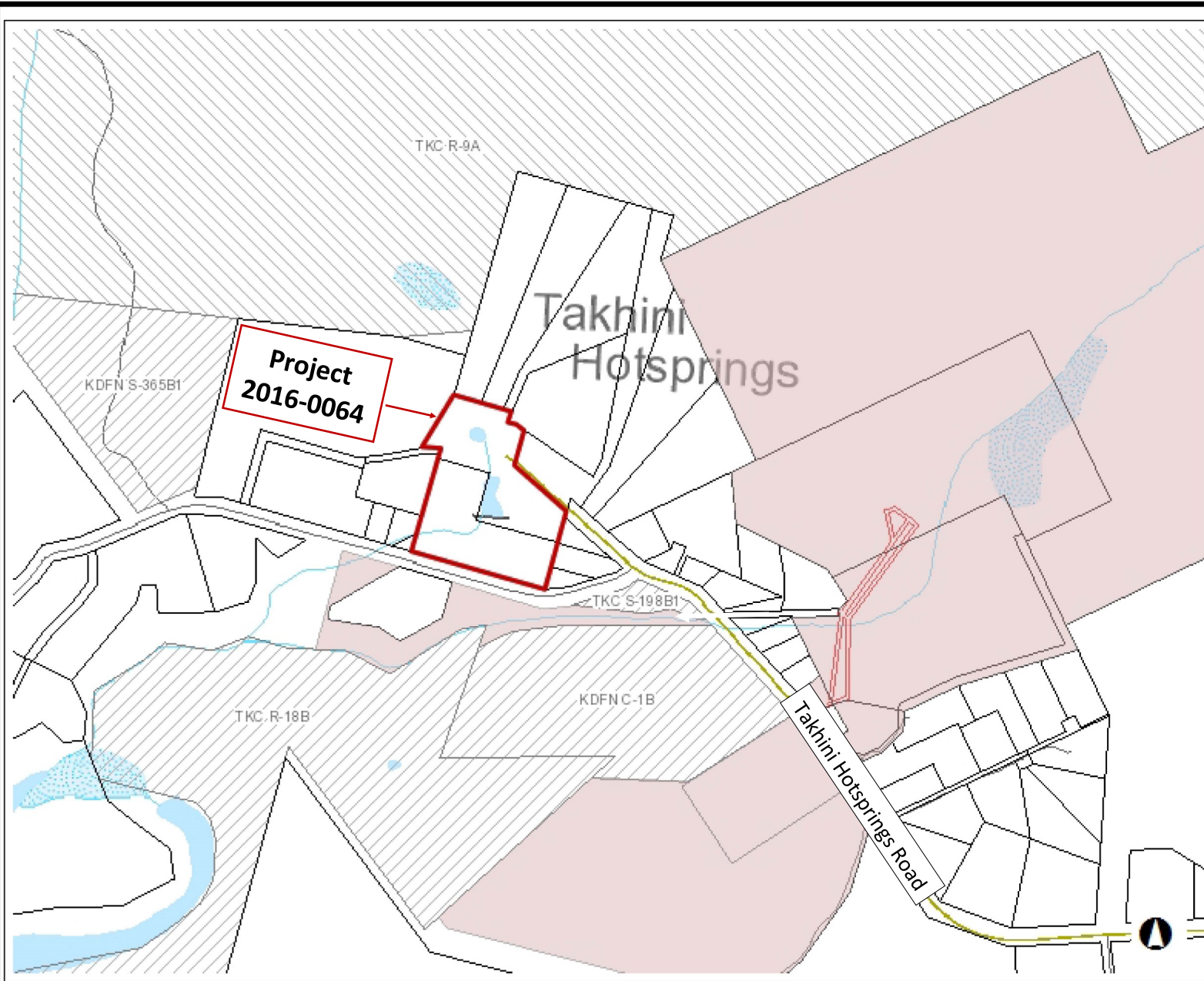
**YESAB**  
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This map is for general reference only. Data that appears on this map may or may not be accurate, current, or otherwise reliable.

THIS MAP IS NOT TO BE USED FOR NAVIGATION

Source: YESAB Geolocator

Map Created Apr 18, 2016 10:57 AM



### Legend

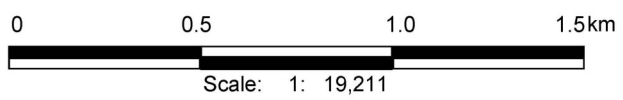
- Land Applications - Active
- Land Dispositions**
- Agreement for Sale
- Easement
- Land Use Application
- Lease
- Reservation
- Transfer Request
- LARC Application
- Other
- Surveyed Land Parcels
- Land Use Permit polygon
- Settlement Lands (Surveyed)**
- A
- B
- FS



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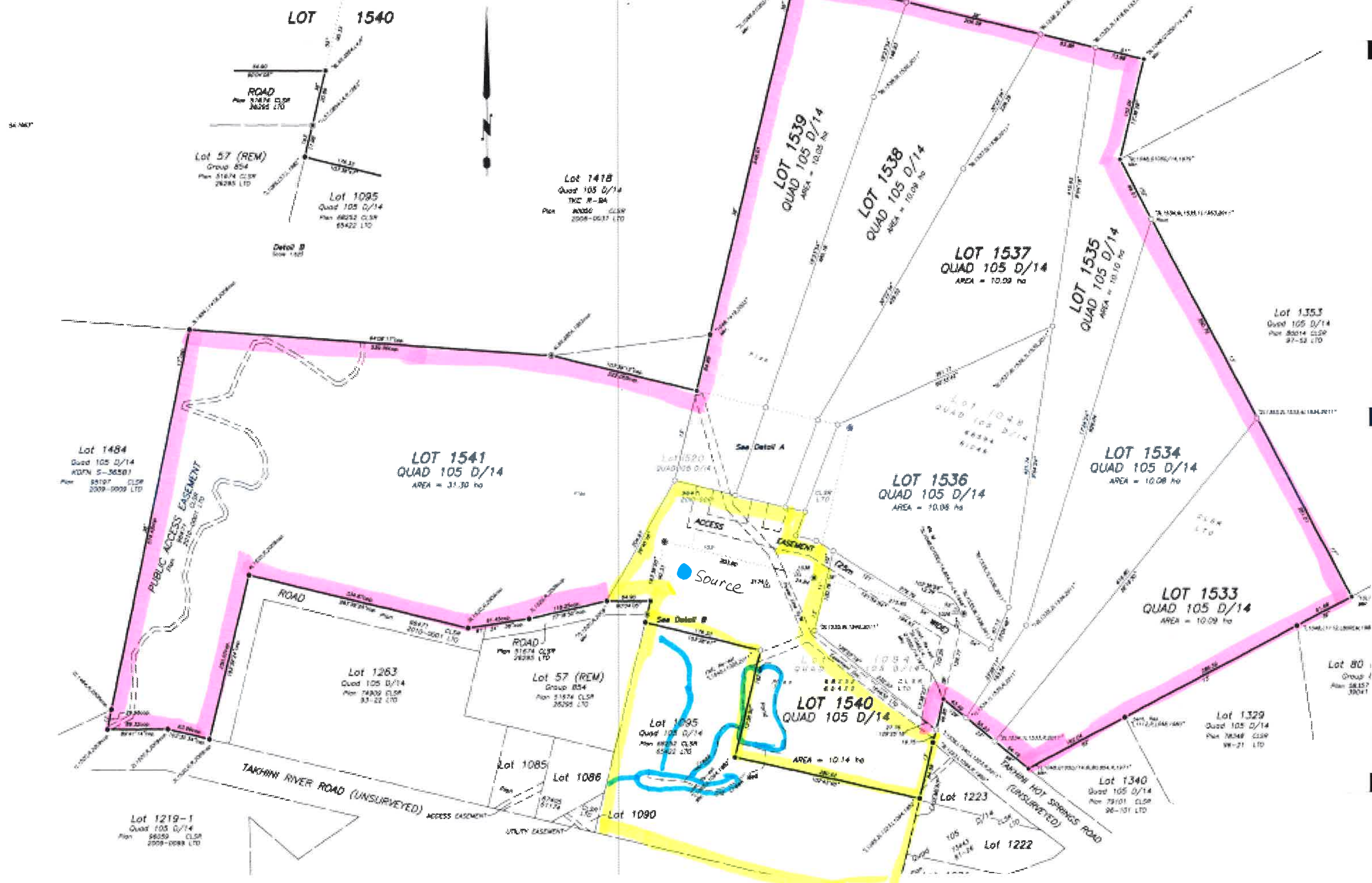
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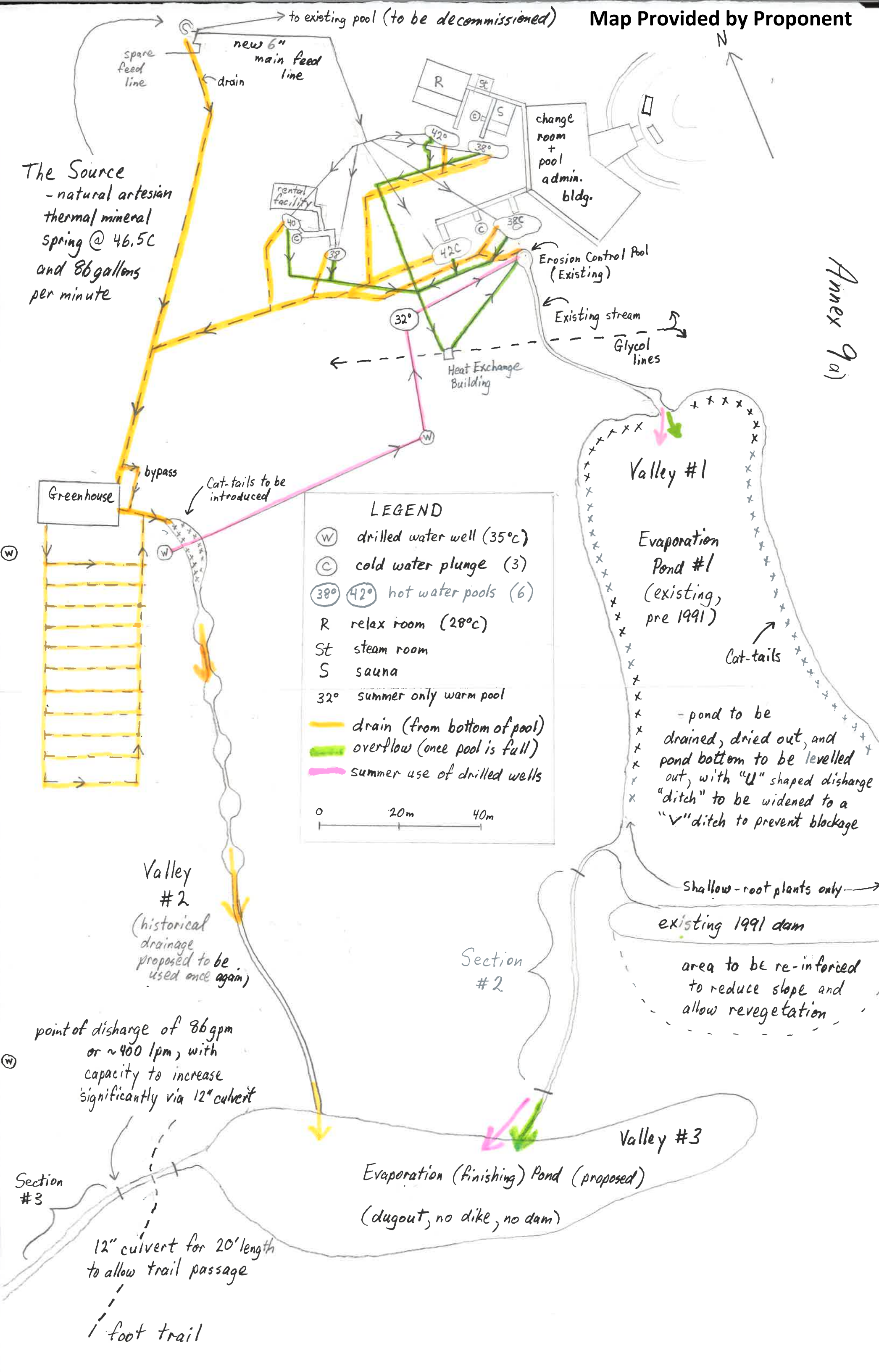
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Map Provided by Proponent



The Source  
- natural artesian  
thermal mineral  
spring @ 46.5C  
and 86 gallons  
per minute

Annex 9a)



**LEGEND**

- (W) drilled water well (35°C)
- (C) cold water plunge (3)
- (38°) (42°) hot water pools (6)
- R relax room (28°C)
- St steam room
- S sauna
- 32° summer only warm pool
- drain (from bottom of pool)
- overflow (once pool is full)
- summer use of drilled wells

0 20m 40m

Valley #1

Evaporation Pond #1  
(existing, pre 1991)

- pond to be drained, dried out, and pond bottom to be levelled out, with "U" shaped discharge "ditch" to be widened to a "V" ditch to prevent blockage

Valley #2  
(historical drainage proposed to be used once again)

Section #2

Shallow-root plants only

existing 1991 dam

area to be re-inforced to reduce slope and allow revegetation

point of discharge of 86 gpm or ~400 lpm, with capacity to increase significantly via 12" culvert

Valley #3

Evaporation (finishing) Pond (proposed)  
(dugout, no dike, no dam)

Section #3

12" culvert for 20' length to allow trail passage

1 foot trail