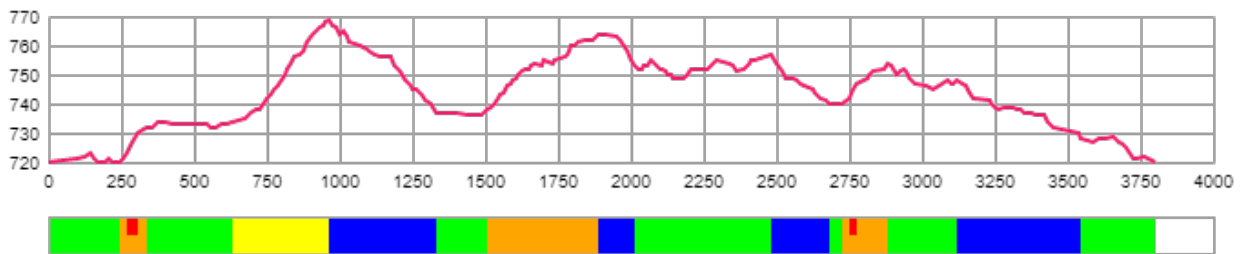




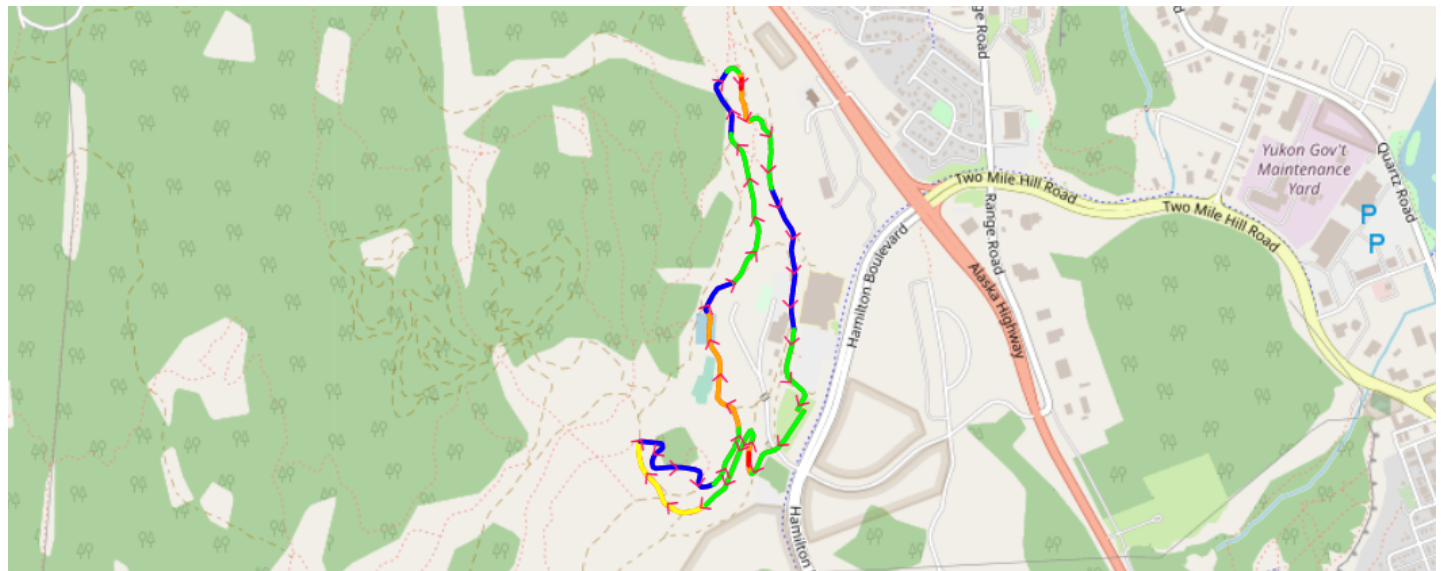
**CERTIFICATE  
OF FIS HOMOLOGATED CROSS-COUNTRY COURSE  
FIS CROSS-COUNTRY COMMITTEE**

(1) Registration number:	<b>19/132.04/3.75</b>
(2) Name of the competition site:	Whitehorse Cross Country Ski Club
(3) Name of city/region:	Whitehorse, Yukon
(4) Organizer:	Whitehorse Cross Country Ski Club
(5) National ski association:	Nordiq Canada, Canadian Ski and Snowboard Assoc
(6) Contact person in the organizing committee:	Grant Abbot
(7) Homologation inspector:	Mike Norton
(8) Name of course:	3.75 km B
(9) Competition level for course	COC

Course length:	3,803m	Height difference (HD):	49m	Lowest point:	720m
Course category:	D	Maximum climb (MC):	35m	Highest point:	769m
		Total climb (TC):	125m		



A-climb B-climb C-climb descent undulated terrain



FIS Office

Mignerey, Pierre  
FIS International Ski Federation  
Blochstrasse 2 / Postfach  
CH - 3653 Oberhofen

FIS Stamp



FIS Homologation  
Responsible

Maddox, Al

Date of Issue

06.12.2019

Valid until

30.06.2024

(10) Overview of the uphill:

	No.	PTC	% of TC
- major climbs	1	35	28.0
- shorter climbs	3	54	43.2
- steep climbs	2	0	0.0
- descents	4	2	1.6
- undulated terrain	7	34	27.2

(11) Stadium area:

Fixed stadium area	yes
Fixed building	yes
Temporary stadium	no
Temporary building	no
Good infrastructure (access, parking, media, etc.)	yes
Skitesting area along course/near stadium	yes
Warm up track near the stadium	yes

Indoor working room:

Timekeeping	yes
Announcer	yes
Jury	yes
Race office	yes

(12) Category for the stadium and course layout:

	Interval	Sprint	Skiathlon	Relay	Mass start
Stadium suitable for following competition formats	yes	yes		yes	yes
Course suitable for following competition formats with					
a) Classical technique	yes			yes	yes
b) Free technique	yes			yes	yes
Course suitable for relay and skiathlon competition					
a) On same course					
b) Combined on different courses (C+D or D+D)					

(13) Possibility of snow making:

Yes

(14) Map Material:

Good

(15) Source of accurate elevation data:

Lidar, DEM

(16) Safety considerations:

No major safety considerations on this trail network, a substantial amount of trail widening, and earthwork have been done here which have eliminated any hazardous corners, trees or light poles.

(17) General remarks:

Over the last 12 months the Whitehorse Ski club has done a considerable amount of trail upgrades to their competition trails. Earth work, blasting, tree removal, relocating light poles, and stadium work. The result has been a World cup level trail system with challenging climbs and trail widths for a D Certificate. One thing to note, the maps show a downhill finish into the stadium, this is just for the lap lane, the actual finish does a U turn and finishes on an uphill.

(18) Date of first inspection: 2018/6/7

(19) Date of final inspection: 2019/8/30

(20) Summary of terrain characteristics

	#	at m	PHD (m)	PTC (m)	grad. (%)	avg. grad.(%)	
A-climb <span style="color: yellow;">■</span>	1	629	35	35	7.6 - 22.2	10.5	
	total			35			28.0% part of TC
B-climb <span style="color: orange;">■</span>	1	243	12	12	5.4 - 21.7	12.9	C at 269m, PTC: 7m, 20.0%
	2	1,508	26	28	-5.1 - 21.4	6.9	
	3	2,724	14	14	2.9 - 18.6	8.8	C at 2,747m, PTC: 5m, 18.5%
	total			54			43.2% part of TC
C-climb <span style="color: red;">■</span>	total			0			0.0% part of TC
undulated terrain <span style="color: green;">■</span>	total			34			27.2% part of TC
	total climb			125			