

Environment Assessment Registration

Bay Bulls Bauline Athletic Association

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2 Southside Road

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Contact: Carla Sullivan

NAME OF THE UNDERTAKING: ATV Trail (Multi-Use)

PROPOSERS:

- (i) **Name of Corporate Body:** Bay Bulls Bauline Athletic Association
- (ii) **Chief Executive Officer:** Name: Scott Penney
Official Title: Chair of Association
- (iii) **Principal Contact Person for Purposes of Environmental Assessment:**
Name: Carla Sullivan
Official Title: Regional Recreation Director

THE UNDERTAKING

- (i) **Name of the Undertaking:** ATV Trail (Multi-Use)
- (ii) **Purpose/Rationale/Need for the Undertaking:**

Residents along the Southern Shore embrace the outdoors for activities such as walking, hiking, and snowshoeing as well as ATV and snowmobile use. Currently there are very few ATV trails along the southern shore, and for those available, they are contained within a certain area or community and very sub-standard whereby they cross over wetland areas such as bogs and peat land. The goal for this trail is to provide a safe and welcoming environment for people to engage in a wide variety of recreation & physical activities, including, but not limited to, ATV, walking, hiking, snowshoeing, etc. The development of this trail will keep motorized vehicles off the community roadways, away from wetland areas and no longer disturbing our aquatic wildlife. It will be designed wide enough for pedestrians and ATV to occupy the space at the same time.

The southern shore is already a well known tourism destination for boat tours, Air B&B's and hiking along the East Coast Trail system. Introducing a multi-use trail system along the southern shore will draw even more tourists that enjoy the community sites and sounds but also the picturesque back country views. A trail like this is something that residents have expressed interest in for a long time now. And it would be great to see it come to fruition.

DESCRIPTION OF THE UNDERTAKING

(i) Geographical location:

(ii)

Cape Pond Road MTM Zone 1 N-5228170m; E-303525m	To	Horse Chops Road MTM Zone 1 N-5224060m; E-302160m
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As noted in Figure 1.0, the trail application is located on the Avalon Peninsula of the Province of Newfoundland and Labrador. Figure 2.0 shows more clearly that the trail application is located on the Avalon Peninsula, along the Southern Shore between the communities of Tors Cove and Cape Broyle. The trail is approximately 12km's south west of Tors Cove and approximately 9 km's north west of Cape Broyle. It is located east of the Avalon Wilderness Area (approximately 2.7 km's at the north end and 1.7km's at the south end) and west of La Manche Provincial Park (approximately 6.2km's at its nearest point to the Provincial Parks 1km buffer).

The proposed trail will run from Horse Chops Road to Cape Pond Road. Horse Chops Road is a cabin area road that lies outside of the municipal boundary and planning area boundary for the Town of Cape Broyle (as stated in Town of Cape Broyle Municipal Plan 2009). Cape Pond Road is another cabin area road that is south of the local service district of Tors Cove.

GPS coordinates of Horse Chops Road:
47.15613, -53.03489

GPS coordinates of Cape Pond Road:
47.19281, -53.01674

(iii) Physical Features:

-Crown land, including forest, water bodies, and wildlife

-Size of area:

Frontage = 2.5-3

meters Depth = 4,910

meters

No buildings/shelters/look-out areas will be constructed

We will be minimizing the number of trees that are cut in the process, however, the trees and logs that are cut during construction will be used for brush matting if required along the trail.

The size of the area affected by the undertaking is approximately 1 hectare or 2.5 acres. The width of disturbed ground will be 2.5 – 3 meter driving surface with a berm width of 1 meter on one side or the other.

This undertaking will not go through any wetlands. There are currently multiple unregistered trails that go through the wetland areas such as one extending north into Beaver Pond from Horse Chops Road, West of the applied trail, and one extending south of Cape Pond Road, east of the applied trail.

The purpose of our application is to the construct a trail that avoids the wetlands and goes through highland areas.

Currently at this time, we are waiting on approval of our Crown Land application (application No. 159586), once approved, we would then apply to the Water Resources division for water crossing permits.

The area is mostly barren lands with some small timber areas. We will be avoiding the wetland areas if at all possible.

(iv) Construction:

-Construction period:

The construction of the trail will follow the contours of the land with no cut or fills required. As shown in Figure 3.0, there have been 3.5 km of trail currently rough cleared, with another 1.4 km remaining. The area rough cleared only has the grubbing completed. The rough clearing entailed scraping off the top vegetative layer down to the soil layer and moving it to one side of the trail. Within the 3.5 kms cleared, there were 5 water crossings encountered that may require a permit from Water Resources. These include 3 streams with a cross section of 0.45 – 0.6 m wide, and a 0.2 m depth, a river with a cross section of 1.2m wide and 0.25m depth, and another river with a 2 m cross section width and 0.4m depth.

The finished trail will be sloped to one side to allow for water runoff. The trail will be monitored for silt or soil erosion and silt barriers will be used if needed to control any silt movement.

The construction period will entail, and has entailed 2 excavators/operators for approximately 2 working days, totaling approximately 20 hours. As well as a chain saw operator, for removal of trees. A spill kit was on hand during the rough clearing process and will be further available once approval is given to clear the remaining portion.

During this construction period there were no signs of moose or caribou habitat areas as the majority of the trail follows very high ground with no shelter belts. Nor were there any bird nesting areas encountered. There was no polluting of soil during the construction period, only emissions from the excavator exhaust system.

Proposed measures to mitigate potential adverse environment effects on receptors and resource/land use conflicts: Existing trails in the area of Cape Pond Road and Horse Chops Road travel across bog and wetland areas, as identified above. The proposed route is to be constructed on dryland – high ground as to mitigate any future risk to wetland biodiversity.

Estimates on future construction period depends on approval from Crown Lands for our application. But we are hopeful that an approval will be granted before summer has reached.

(v) Operation:

This trail will be operated year around as a multi-purpose trail and utilized for walking, biking, cycling, snowshoeing, and ATV's. Maintenance for the trail will be covered off by ticket draws on a monthly basis. A lotto license has been obtained by the BBBAA for this purpose. Maintenance may include filling of potholes or culvert repairs.

Potential causes of resource conflicts: potential sources of pollutants during operation of trail would be emissions from ATV's and snowmobiles.

Public consultation have consisted of a poling petition of support for the trail, which as of today's date contain over 1500 names of support (link to petition below):

<https://www.change.org/p/approval-of-crown-land-trail-for-the-southern-shore-trailway>

(vi) Occupations:

Construction: Construction of trail will be done by volunteers, with fund raising efforts to cover fuel costs for the equipment as noted above. The National Occupational Classification codes for the construction of the trail are as follows;

7521.0 – Heavy Equipment Operator (except Crane)

8421.0 – Chain saw Operator

Operation: 1 full time regional recreation director employed by the Bay Bulls Bauline Athletic Association and 14 volunteer board members.

(vii) Project Related Documents:

Crown Land Application # 159586

Guidelines for Construction and Maintenance of ATV Trails inside Protected Public Water Supply Areas

Environmental Guidelines for Stream Crossing by All-Terrain Vehicles

APPROVAL OF THE UNDERTAKING:

The Crown Lands application (Application No. 159586), which has been submitted, is conditional on the approval from Environmental Assessment first. Once approved, permits from Water Resources division for water crossings and from the Forestry division for tree cutting.if and when required

SCHEDULE:

We have preference to complete the work in the fall of the year, however, we have no specified start or end date at this time.

FUNDING:

Bay Bulls Bauline Athletic Association has already received \$7,500 from provincial governments 'Active NL' fund to go towards of fuel costs and any materials that will be needed during the construction phase.

May 2, 2023

Date

Carla Sullivan

Signature of Proponent/Chief Executive Officer

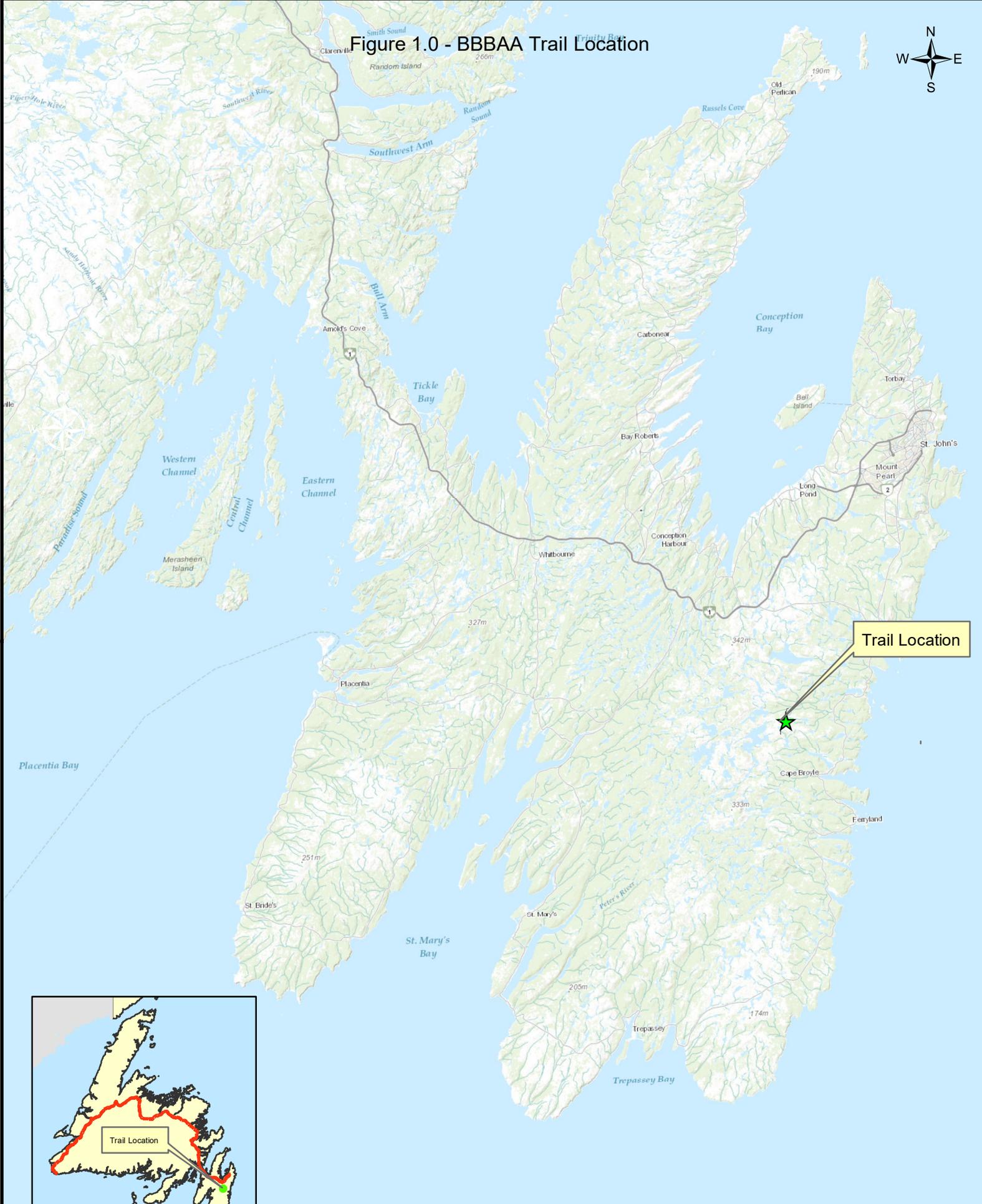
Annex

Figure 1.0 – BBBA Trail Location in relation to the Island

Figure 2.0 – BBBA Trail Location in relation to the Southern Shore Communities of Cape Broyle and Tors Cove

Figure 3.0 – BBBA Trail Location (Aerial View) showing the portion rough cleared and not cleared.

Figure 1.0 - BBBA Trail Location

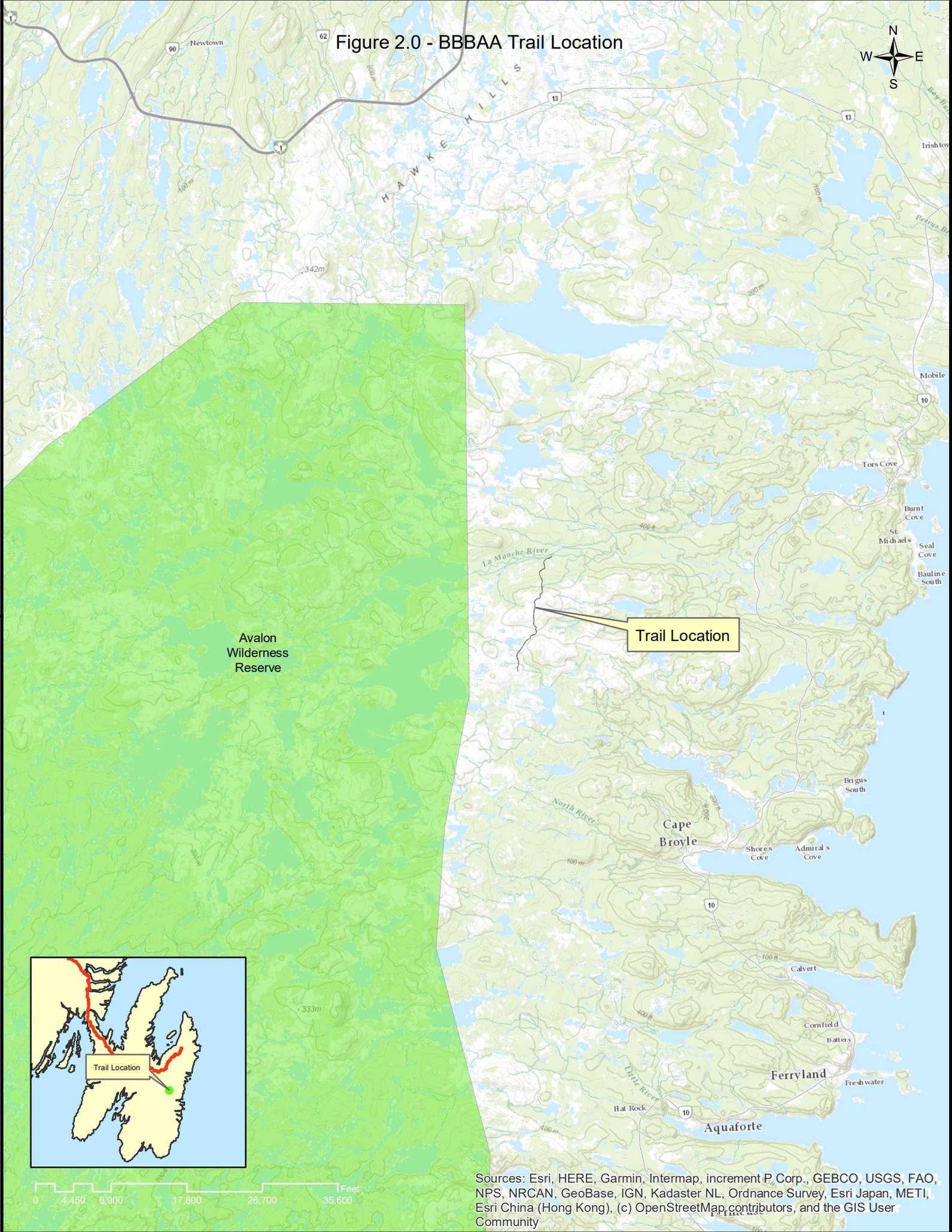


Trail Location



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Figure 2.0 - BBAA Trail Location



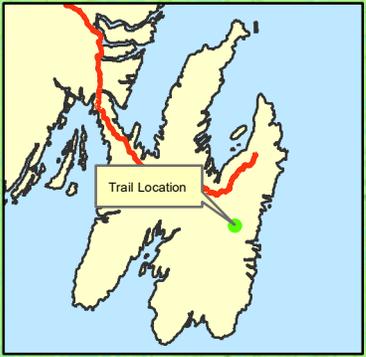
Avalon
Wilderness
Reserve

Trail Location

Cape
Broyle

Ferryland

Aquaforte



0 4,450 8,900 17,800 26,700 35,600 Feet

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Figure 3.0 - BBBA Trail Location



Cape Pond Road

North End of Trail extends into existing Cape Pond Road

East Boundary of Avalon Wilderness Reserve

Legend

- ATV Trail-Not Cleared
- ATV Trail-Rough Cleared

South End of Trail abutts existing Horse Chops Road

Horse Chops Road

