

Site N14C: Tenecape

Date Assessed: 08/05/01

GPS Coordinates: N 45 15' 59.7"
W 63 52' 26.5"

Crossing Status: Complete restriction

Road Crossing: Culvert (wooden box) 2 chambers, 5m total

Crossing Condition: Intact

Restriction Indicators:

- Difference in water level
- Bank slumping
- Difference in vegetation
- Turbulent flow
- Scour pool
- Slack water

Downstream of Crossing

Creek: >100m, slack water, divergent channel, bank slumping and scour pool

Land: Salt marsh, coastal inlet, beach, cliffs

Upstream of Crossing

Creek: >100m, smooth flow, divergent channel, bank slumping and scour pool

Land: River valley, old bridge structure, remnants of a dyke

Comments: This site is a complete restriction to tidal flow and fish passage as the culvert has been placed too high to allow tidal flow upstream, with only freshwater outflow. Due to culvert placement the channel is being diverted and the river is undercutting the embankment. The rock base under the seaside opening is eroding. Culvert needs to be replaced with a lower and larger opening, possible a bridge since this is a large system and once a salmon river.





Figure 1



Figure 2



Figure 3



Figure 4



Figure 5



Figure 6

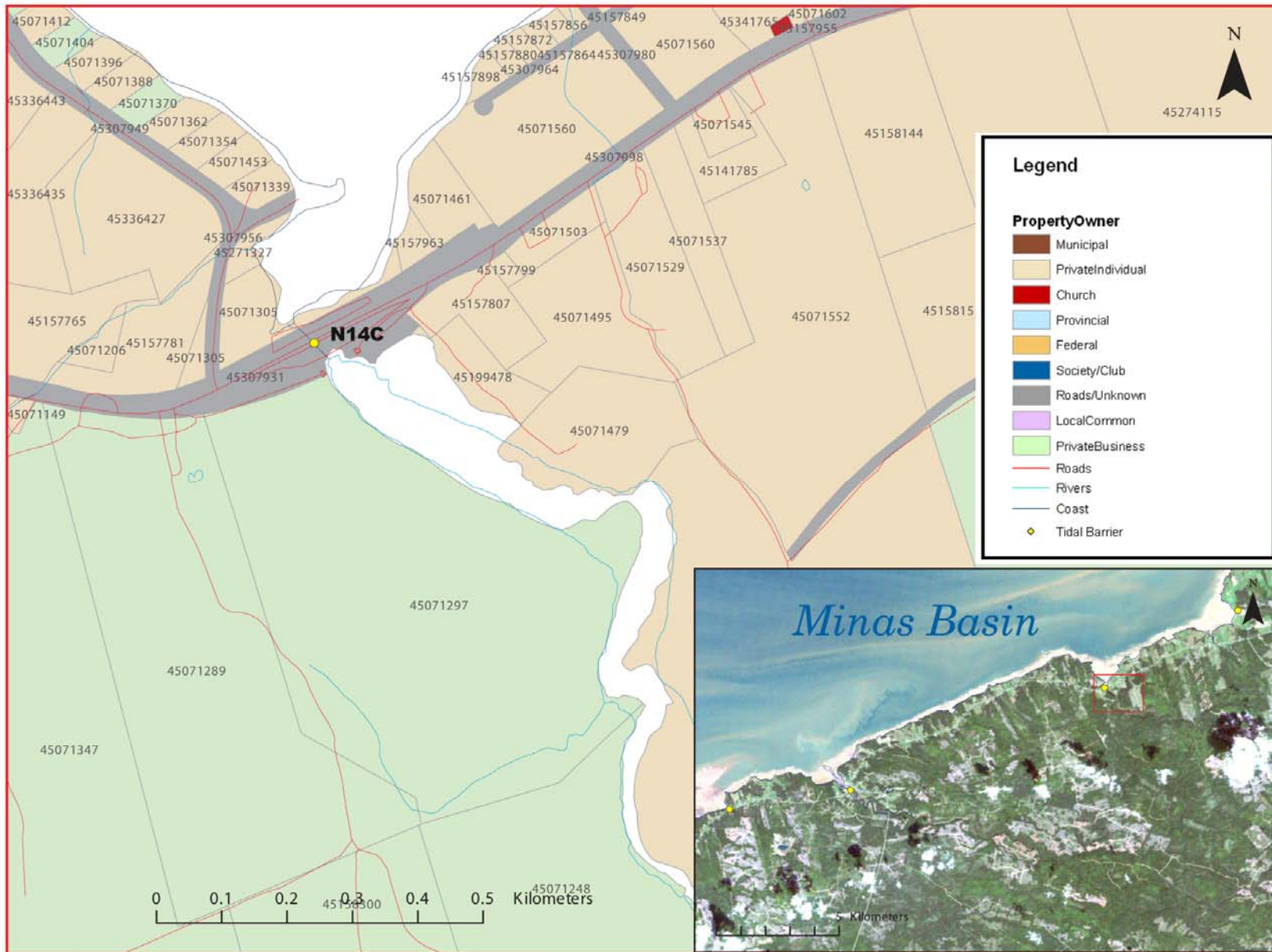


Figure 7: Property management and tidal barrier data for Nova Scotia (Service Nova Scotia, and Municipal Relations)

Air Photo Not Available in GIS Database

Access through Land Information Services:

Photo Number: 04304-33