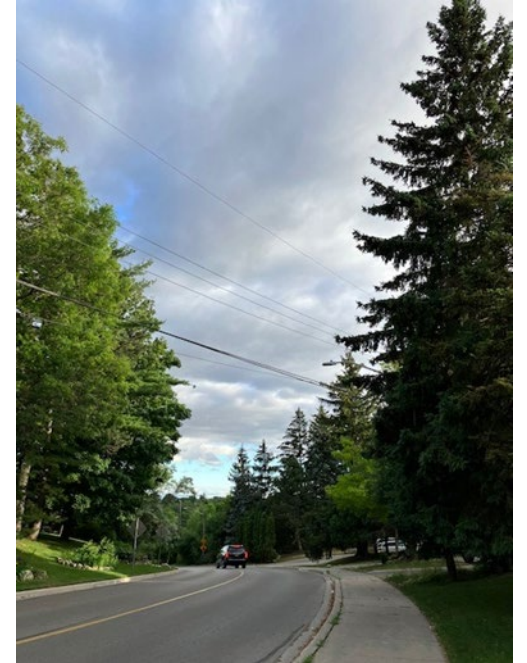




SENECA HEIGHTS A UNIQUE AREA



**REFLECTIONS ON SENECA HEIGHTS (SOIL, GEOLOGY, TREES, ARCHAEOLOGY
& ARCHITECTURE) FROM A LONG-TIME RESIDENT OF OVER 60 YEARS**

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MATHEMATICS

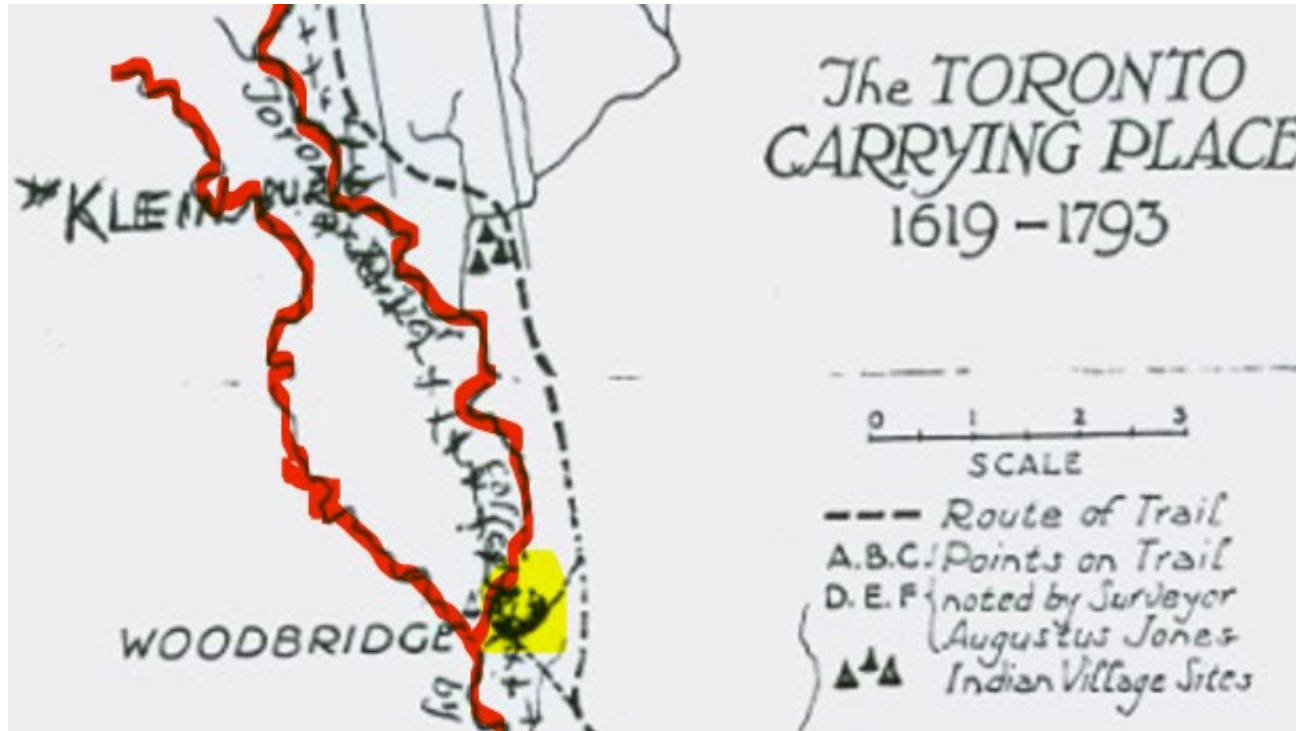
REFLECTIONS ON THE PAST ARCHAEOLOGY (POTTERY ARTIFACTS, HUMAN REMAINS)

- The Copeland Residence (**across the street from the subject lands**)
- Was not uncommon to find **clay pottery artifacts**
- Riding my bike past **archaeological digs**
- **Known village burial** (sandy knoll)
- **Human remains**

AkGv-2 archaeological site facing south towards Wigwoss



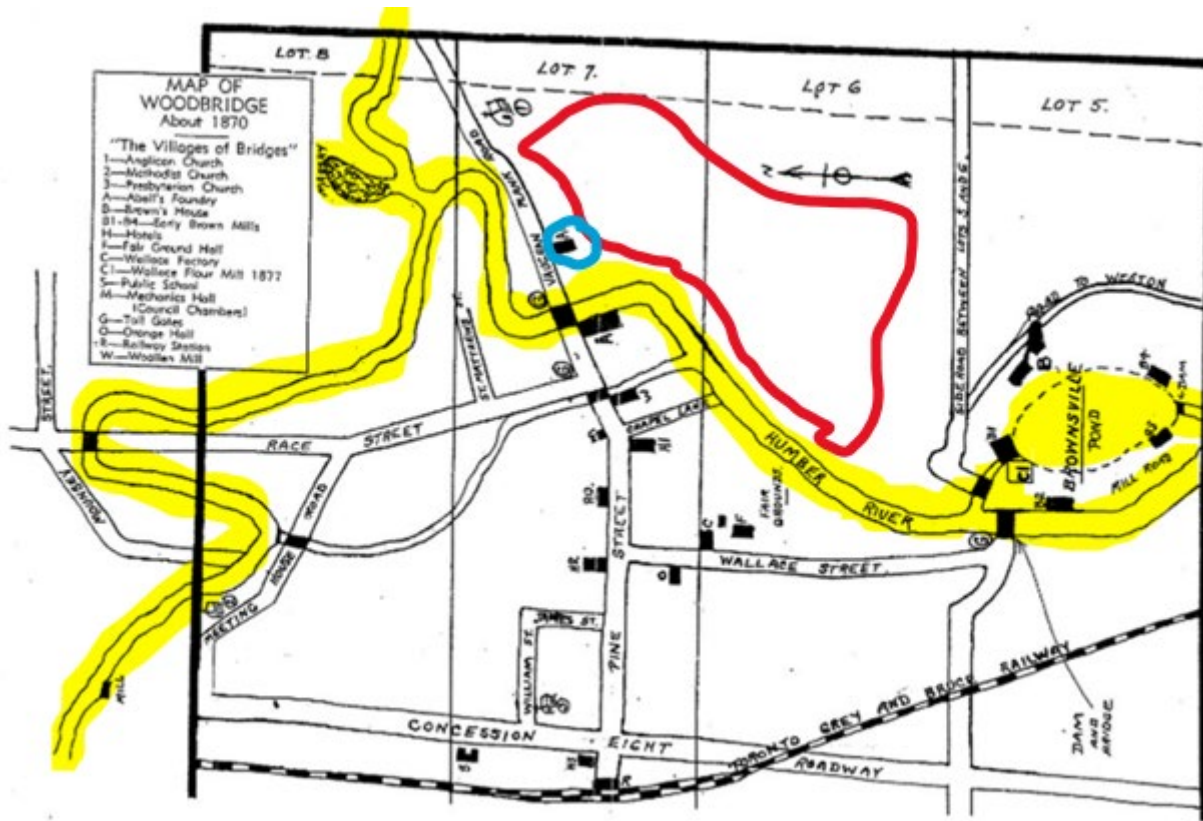
THE MCKENZIE OR WOODBRIDGE SITE (AkGv-2)



Red: Humber river
Yellow: Iroquois habitation

- Habitation commenced about 1527
- Area marked in yellow was the site of the habitation.
- Habitation was around a small lake that had an exit point that is adjacent to 160 Monsheen Drive, along Tayok

DIVERTING THE HUMBER RIVER



- Humber used to run adjacent to the base of the ravine
- Islington north of Highway 7 to Woodbridge Avenue was nonexistent

Red: approximate region of Seneca Heights

Blue: Anglican Church

Yellow: Humber River Path in 1870

ARCHITECTURE – SENECA HEIGHTS

TIME & PLACE

- Mid-century modern architectural gems
- Homes designed by the late architect, Jerome Markson
- Winner of 2022 Gold Medal, prominent Toronto architect
- Architect, Michael Bach designed the home at 57 Monsheen Drive



**TREES
SERVE A
PURPOSE**

**EROSION
OVER TIME**

BLUE CLAY



An aerial image shows the extent of the landslide in Saguenay's La Baie neighbourhood. (Radio-Canada)

- There are consequences for the area when trees are removed.
- Many oaks are hundreds of years old in Seneca Heights.
- This picture is similar to what happened at 140 Monsheen Drive

RAVINE LOTS SUBJECT LANDS CONNECTED TO RAVINE LOTS ON EITHER SIDE

- Has there been a geological or soil assessment?
- 9 trees on the subject lands are being knocked down and waters from two roofs will have little place to go aside from down the ravine
- There is a 300 year old oak tree on the neighbour's lot. Will its root system be impacted or the ground bed destabilized by the removal of soil and the disturbance of the ground bed?





54 MONSHEEN DRIVE

- This is not the original house. Original owners cut down trees to have a better view
- Backyard slipped into the ravine over 50 years ago
- Mitigation strategies were necessary to stop further slippage



62 MONSHEEN DRIVE

- This is the original house, but work was required in the backyard to prevent slippage



70 MONSHEEN DRIVE

- This house has serious foundation issues
- The walls are cracked and most likely the house is a tear down



82 MONSHEEN DR.

- Basement concrete pad had cracked and dropped along with the foundation
- Foundation was rebuilt (house jacked up) at a cost of about 40K



92 MONSHEEN DR.

- House has foundation issues but not as serious as others



102 MONSHEEN DRIVE

- This is the original house with a few modifications
- No issues as I am aware of



112 MONSHEEN DRIVE

- The original house was torn down (McNabb home)
- Not aware of any foundation issues



130 MONSHEEN DRIVE

- This is the original house that belonged to the Barkers 50 years ago
- Some changes were made but architecturally the house is still the same
- This property to the right has unstable soil problems near the ravine



140 MONSHEEN DRIVE

- When the house was built the trees in the back were cleared to make room for the view; this is an expanded version of the original house
- One main landslide 50 years ago took a large section of the property into the ravine
- Mitigation strategies were tried but they were unsuccessful and another landslide occurred
- Problem was eventually solved after trees could establish roots.



150 MONSHEEN DRIVE

- This house was originally owned by the Huttons
- Am not aware of any issues but the property is close to where the landslide occurred



64 TAYOK DRIVE

- To the left of the property is a channel in the ravine indicating that there used to be an outflow of water from the tableland
- Owner has problems with ground settling



90 TAYOK DRIVE

- Not aware of any issues with this property
- It's the original home



96 TAYOK DRIVE

- Not aware of any issues with this property
- It's the original home



104 TAYOK DRIVE

- Not aware of any issues with this property
- It's the original home



116 TAYOK DRIVE

- Not aware of any issues with this property
- It's the original home
- Used to be the town's water tower in the back