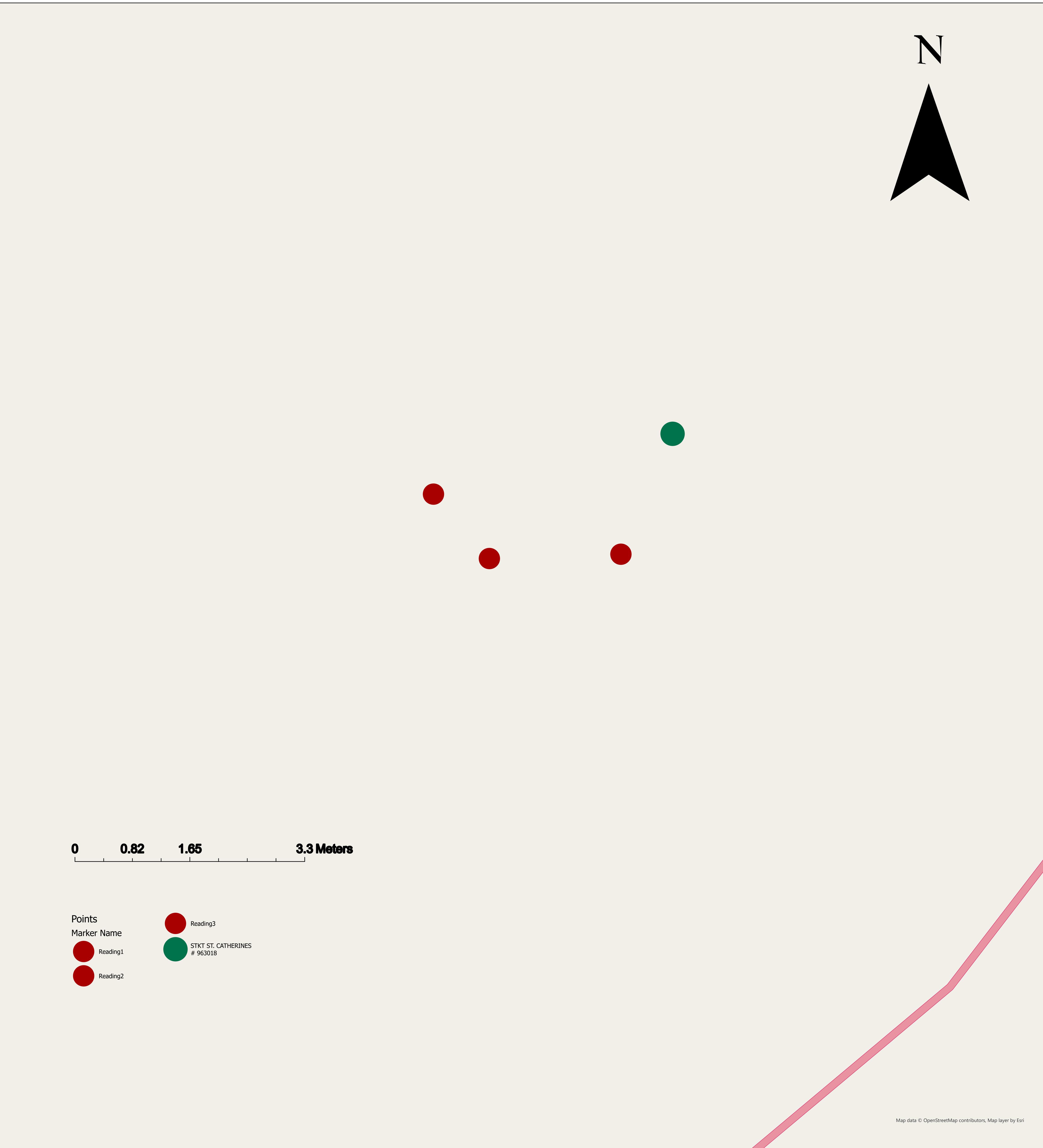


Thorold Survey Base Marker Explored for Accuracy, Using GPS and GNSS



Marker Name	Latitude	Longitude	Accuracy
STKT ST. CATHERINES # 963018	43.1213	-79.2266	0.0009
Reading1	43.12147	-79.226811	1.81
Reading2	43.121466	-79.226841	2.6
Reading3	43.121466	-79.22684	2.7



I wasn't able to pick points using the ArcGIS field maps application as the app would not load the APST point collection map. I then made use of the GPSTest mobile app and collected coordinates at random angles. The recorded points were off 1-3 meters which somehow comes as a surprise to me as I was in an open field with no barriers.



The Survey monument in Thorold, Ontario mapped using a google pixel 4a android device. This concrete pillar with steel top plate is located on top of a hill rock island formed by an exit ramp for east bound traffic on St David road.