



Exercise 1-2: Creating arbitrary sampling points

Learning objectives:

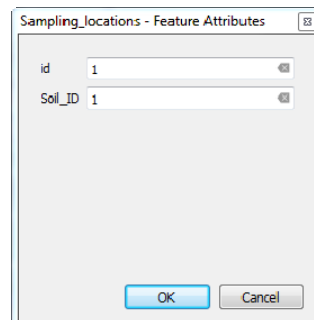
- Create sampling locations using Google Maps

Data folder: Dataset1

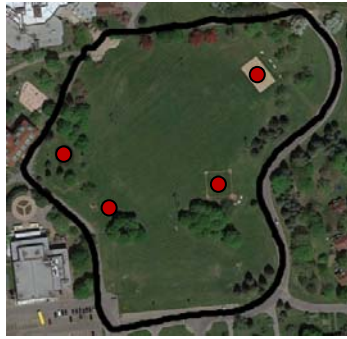
Part 1: Add manually selected sampling points to the map

1. Open the project **set1.qgs**
2. Create a new point vector layer
 - a. Go to Menu bar, click Layer > Create Layer > New Sapefile Layer ...
 - Type = Point
 - Selected CRS (EPSG:4326, WGS84)
 - New field
Name = Soil_ID
Type = Whole number
Length = 5
Click Add to fields list
 - Save as: **Sampling_locations.shp**
3. Add new points by clicking on the screen
 - a. In the Layers Panel, select the layer **Sampling_locations**
 - b. On the Tool Panel, click Toggle Edit 
 - c. Then click Add feature 
 - d. Go to Map View, insert a new point by clicking in the middle of the Volleyball field
 - Id = 1
 - Soil_ID =1

Click OK



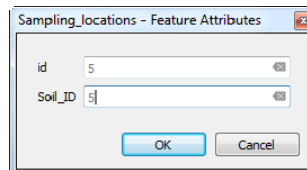
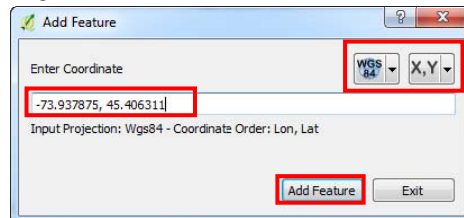
- e. Repeat d. to add 3 others points



4. Add new points by entering the coordinates
 - a. Go to the Tool Panel, click Lat Long Digitize



- b. In Add Feature
 - Select WGS 84 and X,Y
 - Enter Coordinate = -73.937875, 45.406311
 - Click Add Feature
 - c. In Sampling_locations – Feature Attributes
 - id = 5
 - Soil_ID = 5

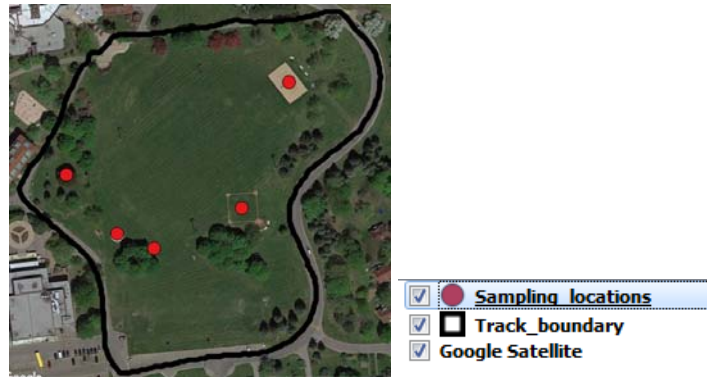


- d. Click OK
 - e. Click Exit to close the Add Feature window
 - f. Click Save Layer Edits



- g. Click Toggle Editing to stop editing mode





5. Save the project.