



Project #J160503-06

Underground Oil Storage Tank Report



Project Site: 4068 West 11th Ave., Vancouver, BC, V6R 2L3

Examination Date: 3 May 2016

Client: Jennie Kendall

Report Prepared By: R. Clarke



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<u>Date of Survey:</u>	3 May 2016
<u>Project Address:</u>	4068 West 11 th Ave., Vancouver, BC
<u>Objective:</u>	The purpose of the Ground Penetrating Radar (GPR) Survey was to verify the presence and location of any Underground Oil Storage Tanks (USTs) at 4068 West 11 th Ave., Vancouver, BC.
<u>Survey Details:</u>	The survey was completed using a 400 MHz Ground Penetrating Radar (GPR) antenna and a ferromagnetic locator. All areas around the house were scanned with an overlapping grid pattern. Both the interior and the exterior of the house were checked for visual signs of a tank, such as, a vent pipe, filler cap, supply lines, etc. Ground conditions were good, with good GPR imaging resolution.
<u>Evidence Observed:</u>	None
<u>Results:</u>	The ferromagnetic scan identified some metallic objects on the property; however, successive overlapping passes with the GPR did not detect any anomalies on the areas of the property scanned that would indicate the presence of an Underground Oil Storage Tank.
<u>Conclusion:</u>	After examining the data collected from the survey area, it has been concluded that there are no anomalies characteristic of an Underground Oil Storage Tank present on the areas of the property surveyed.

Limitations: Areas containing surface obstructions or unmovable objects, such as vegetation, planters, walls, storage items, etc. will restrict the movement of the GPR antenna and thus cannot be fully scanned. GPR equipment cannot scan within eighteen inches of a wall or other surface obstructions. Any areas containing air gaps or void spaces, such as raised wooden decks, interfere with the radar signal and cannot be scanned. Concrete areas containing a layer of mesh may cause radar distortion, resulting in poor data resolution.