



Investigation Summary Report

Client:	WSA Engineering	Date :	February 04 2026
Contact:		TUT Job#:	1101
Email:		Client PO#:	Coordinates ; 49.111475 ; -117.724435
Phone:		Site Address:	Lot 367 Tadanac Trail BC

See Map :

ID:	100 Cast Water Pipe
ID:	150 Cast Water Pipe
ID:	200 SP Pipe
ID:	400 Sp Pipe
ID:	TELUS Fibre Line Vault to Pole- No plans provided by TELUS or Rogers. Nothing expected inside Lot area
ID:	Irrigation Sensor Wires
ID:	

Communications, alerts and limitations to be aware of:

- 1 Induced Signal Lost along expected path of 100 Cast line .
- 2 Signal detected while searching for Line 1 Expect this to be 400 SP Pipe. Signal likely transfers to larger conductive material and explains why signal is lost from Line 1
3. Signal Lost after turn on 100 Cast Pipe. Pipe could be driving deeper. Or affected by larger conductive material on 150 cast pipe as it intersects this utility
4. pipe is visible from manhole. ~ 3m down. Pipe appears to be PVC and not locatable using traditional EM locate methods. Outside Work scope. No time was used to determine path
- 5 . Plans and schematics indicate ties to infrastructure. None of these exist on the ground, Unable to direct connect locate tools to lines. When inducing signal all conductive material are energized making precise location difficult. Over lapping pipes and unknow directions could increase error. Area outside Project Scope. Minimal time wa used to search for how this fits together with out direct connections to individual lines.

Y	Orientation			Y	Direct Locate Method
Y	Verified Work area with client			Y	Inductive Clamp Method
Y	Review Provincial First Call			Y	Inductive Locate
	All Information was received			Y	Preformed 4Way Grid Search
Y	Review safety & document all Hazards			Y	Preformed 360 Degree Sweep
Y	Checked Site Plan				GPR Search ; Grid / Slice / Processed
Y	Review All Data and Building Plans			Y	Map provided
Y	Checked Industry Safety warnings			Y	Communicated & Documented Limitations
Y	Cross Check Review completed			Y	Clearly Mark Paint and map findings
NA	Checked AbaData (Alberta)			NA	Checked ERCB Updates & records
Y	Satisfaction Guarantee Signed before leaving site			NA	Checked IHS Database (USA)
	Power		Power Box		Power Vault
	Fiber & Comms		Fiber & Comms Vault		Pedestal
	Water		Power Manhole		Powered pole
	Storm & Sewer		Storm Manhole		Depth
	Low Pressure Gas		Water Valve		Fire Hydrant
	High Pressure Gas		Manhole		Target
	Unknown Conductive				

Trace Utility Corp. will not accept any liability for damages incurred as result of this Utility Locate and the Utility Locate drawing.

The locations and depths of all marked utilities on the ground and indicated on this drawing are approximate.

The exact location and depth of any utility can only be determined by physically exposing the utility or by contacting the utility owner.

There is a potential risk for unlocated or abandoned utilities within the work area that are not indicated on this drawing. Any possible unlocated utilities within the work area may be due to varying ground conditions, size and material of the utility.

WorkSafe BC best practice “The hand expose zone is a distance 1m either side of the utility marks within which excavation and mechanical equipment must not take place” Trace Utility’s recommendation is to stay 2 meters from all markings if utility will not be exposed.

The individual company completing the ground disturbance is responsible for ensuring they can work safely around all utilities. WorkSafeBC “regulations require a competent spotter when equipment operates in areas where visibility is restricted, essential for preventing underground utility strikes” Trace Utility’s recommendation is to ensure qualified personnel are used to complete all ground disturbance.

