UTILITY MAP REPORT

PROJECT LOCATOR	Mark
DATE	08/07/26
SITE ADDRESS	54 Gomana Street Slacks Creek
CLIENT	Sonto
SITE CONTACT	Chris/Josh
CLIENT EMAIL	cdonovan@sonto.com.au
CLIENT NUMBER	07 5522 1445

AUS CERTLOC Certified Locating Organisation • AS 5488.1 – 2022 Compliant

DISCLAIMER & LIMITATIONS

Detection Limitations

Utility locating, combined with electronic locating methods and Ground Penetrating Radar (GPR), is the most reliable method for identifying subsurface services prior to excavation or construction. However, as with any detection method, it is important to understand that not all services can be guaranteed to be located. While every reasonable step is taken to identify services within the specified area and fulfil duty of care obligations under AS 5488.1–2022, certain factors may limit detection. Small or non-metallic services may not be detectable, and some services may be obscured by reinforcing materials, soil conditions, or other subsurface objects.

Interference Factors

Certain surface treatments, including concrete toppings, waterproofing membranes, and foil layers, can interfere with GPR and electromagnetic (EMF) signals, making detection difficult or impossible. Live cables with no active current draw, cables from unrelated circuits, and services in multi-tenant buildings that pass through the survey area may remain undetected. It is advisable to engage the relevant asset owners and obtain all available service drawings before work commences.

Critical & High-Risk Services

When working near critical services — including gas mains, high-voltage cables, and fire alarm systems — the relevant asset owner and emergency services should be notified prior to commencement. A Safe Work Method Statement (SWMS) must be developed and followed. Some alarm and suppression system cables could trigger sprinkler or fire suppression systems; this must be confirmed with building management before any works begin.

Electrical Safety

All electrical services within the work zone should be de-energised before any cutting, sawing, or drilling commences. If de-energising is not feasible, appropriate electrical safety precautions must be in place to protect all operators and bystanders. An electrician should be engaged to trace all circuits from the distribution board prior to scanning where possible.

Operational Precautions

Conduits and services may be bundled or tied to steel reinforcement, rendering individual identification difficult. A minimum clearance of 25 mm on either side of all marked targets must be maintained during cutting or drilling. Objects located within 100 mm of walls, edges, or corners may not be detected unless scanned from the opposite side. If unexpected metal filings appear, or if water is encountered during drilling, all works must cease immediately. Do not drill more than 20% deeper than the reported slab or pavement thickness.

Potholing Requirement

In accordance with AS 5488.1–2022, all subsurface services must be positively identified via potholing (Non-Destructive Digging) prior to construction or excavation to confirm the exact depth, alignment, and service type. Electronic locating alone constitutes Quality Level B da constitutes Quality Level C data. Neither are a substitute for Quality Level A (pothole) verification. Provac Australia offers Non-Destructive Digging services using Hydro Vacuum Excavation — contact 1300 734 772 for further information.

Liability

While every effort is made to identify potential subsurface hazards, the technology and methods used cannot guarantee detection of all risks. Provac Australia does not warrant that all hazards have been identified. Although locating equipment is carefully operated to gather accurate data, Provac Australia cannot be held responsible for inaccuracies, misinterpretations, or damage arising from undetected services. Any structural or design-related interpretations must be verified by a qualified engineer. Results from utility locating surveys should be treated as supplementary information and not definitive conclusions until confirmed by engineering drawings or professional verification. This report has been prepared in accordance with AS 5488.1–2022 Classification of Subsurface Utility Information.

SITE CONDITIONS

BYDA PLANS SUPPLIED	INTERNAL PLANS PROVIDED	CLIENT ONSITE	GPR DATA QUALITY
Yes ☑	Yes ☐	Yes ☑	Good ☑
No ☐	No ☑	No ☐	Average ☐
			Poor ☐

SCOPE OF WORKS

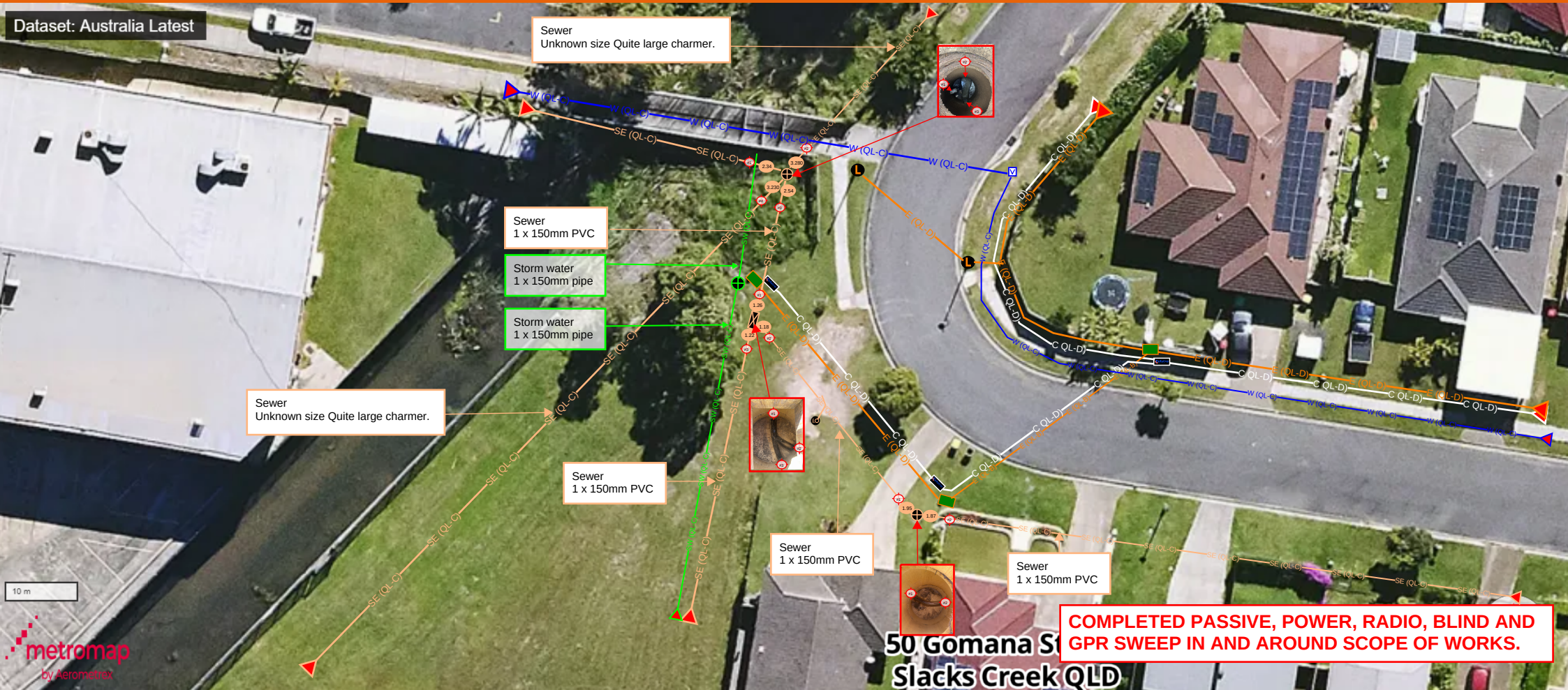
Locating sewer across the front of the property as per the clients email and I/L levels at the larger sewer pit.

LOCATABLE ASSETS CHECKLIST

Confirm all applicable services have been located and marked prior to signing off this report.

☑ Electrical (HV)	ORANGE	☑ Water (Potable)	BLUE	☑ Stormwater	GREEN
☐ Electrical (LV)	ORANGE	☐ Recycled Water	PURPLE	☐ Fuel / Petroleum	BROWN
☐ Telecommunications	WHITE	☑ Sewer	CREAM	☐ Fire Services	RED
☑ Telstra		☐ Rising Sewer Main	CREAM	☐ Unknown / Unidentified	PINK
☑ NBN					
☐ Optus					
☐ Pipe Networks					
☐ AAPT					
☐ Vocus					
☐ Powerlink					
☐ UeComm					
☐ Other - specify					
☐ Gas	YELLOW				

Provac Utility Map



AS 5488.1 – 2022 CLASSIFICATION OF SUBSURFACE UTILITY INFORMATION

A	**Quality Level A (QL-A) — Highest Quality** Positive identification of the attribute and location of a subsurface utility to an absolute spatial position in three dimensions. Achieved via potholing (Non-Destructive Digging). This is the highest quality level and the only method that provides confirmed depth, alignment, and service type.
B	**Quality Level B (QL-B) — Electronic Location** Relative subsurface feature location in three dimensions obtained via electromagnetic frequency (EMF) detection methods. Provides depth estimate and alignment but requires pothole verification before construction.
C	**Quality Level C (QL-C) — Surface Correlation** Approximate location and attributes of a subsurface utility asset, including GPR, derived from existing records and site survey of surface evidence (valves, hydrants, pits).
D	**Quality Level D (QL-D) — Records Only** Lowest quality level. Attribute information compiled from any, or a combination of, existing records, site inspections, or anecdotal evidence — for example, alignment taken from BYDA plans or other service authority drawings. High risk of damage. Do not rely on this level for excavation.

Service Colour Coding (AS 5488.1 / ASNZS 1319)

Colour	Service Type
ORANGE	Electrical (HV & LV)
WHITE	Telecommunications / Communications
YELLOW	Gas
BLUE	Water (Potable)
PURPLE	Recycled Water
CREAM	Sewer / Rising Sewer Main
PINK	Unknown / Unidentified
GREEN	Stormwater

■ IMPORTANT — UTILITY LOCATING PROCESS & DUTY OF CARE

1	**Order Utility Plans**	Order FREE BYDA utility plans at www.byda.com.au before any works commence. Ensure all plans are present and in date.
2	**Engage Utility Locator**	A utility locator electronically locates services to provide depth & alignment and produces a detailed utility map for damage prevention.
3	**Pothole Utilities with NDD**	Non-Destructive Digging (Hydro Vacuum Excavation) positively identifies the absolute location of all buried utilities prior to construction.
4	**Proceed With Project**	With utility plans, maps & pothole reports on site, you are ready to proceed safely. Contact Provac Australia: 1300 734 772 | www.provac.net.au