



Scan Report

Date: 19/5/21 Client Name: McNally Management Site Contact: Trevor Project: Site Address: 21 Middleton Rd Cromer Area Scanned: As Directed Report Completed By: Martin Hyland Purchase Order Number:

GPR Scanning Australia Pty Ltd ABN 68 629 787 702 12 Long St SMITHFIELD NSW 2164 M: 0487 266 114 E: info@gprscan.com.au



Instruments Used.	Marla CX12
	Marla Easy Locator HDR PRO
	Pipe Horn 800-HL
	Radio Detection RD-7000+
	Radio Detection RD-8000+
	GSSI Mini XT Structure Scan
	Hilti PX10 and PX10T
	Pipe CCTV camera
Targets.	Post Tension
	Power
	Power HV
	Steel
	Conduit
	Structural Scan
	Voiding
	Communications
	Storm Water
	Gas
	Sewer
	Water main
	Fire hydrant
Site Markings.	Crayon
	Spray Marks

	Таре
	Pin flags
	Other
Job Start Time	12:00 pm
Job Finish Time	5:00 pm
Operator	Martin Hyland
Operator Signature	Math

Information Summary

We, GPR Scanning Australia Pty Ltd, were engaged to perform a scan to minimize the risk in relation to work to be performed on your site.

Whilst every effort will be made to identify potential hazards, the deployed technology does not necessarily identify all potential hazards. No representation or warranty is made to the effect that all risk is completely eliminated. Our service is to minimize your risk, but we do not promise to eliminate it.

Ground Penetrating Radar and electronic tracing do not allow us to see into the ground or material.

What cannot be detected: Communications cables, fibre optics cables and low voltage cables can be difficult or impossible to detect due to their physical properties.

All markings or positive results are indicative only and require further visual confirmation. It remains the client's responsibility to mechanically investigate its nature and position.

To the extent permissible by law you (The Client) release us (The Company) from any loss or damages caused by us not identifying or locating a potential hazard.

Warning: This is not an authorization to penetrate, core, cut, break, or excavate material. Permission must be sought by the relevant authorities.

GPR Scanning Australia Pty Ltd

One stormwater pipe line for investigation and inspection for the purposes of locating depth and direction and also the condition of the above mentioned stormwater line.

The stormwater line presented with one access point towards the bottom boundary of the premises where access to the confined space was gained in order to properly conduct a condition inspection.

Upon entering the confined space it was visibly noticeable that the pipeline did not travel in a straight line.

The bottom access point will be referred to as access "a" for the duration of this report and the reopened access point will be referred to as access "b" with the top pit referred to as pit "c".

Upon entering access "a" and travelling towards pit "c" a vertical access point was noted a 33khz transmitter was placed in this access point and then the emf was traced from the surface to give exact depth and location of the transmitter. Once marked and recorded by the on-site surveyor the asphalt was breached and removed to use the access point for the confined space. The was a 700mm diameter pipe noted and discussed with the surveyor who informed me he was already familiar with the location and end point of above mentioned branch.

Continuing on from access "b" the condition of the pipe itself was in excellent condition without compression cracking, breaks, defects or miss joined segments. The transmitter was placed a points of visually noticeable turns or height changes in the stormwater pipe and the pinpointed on the surface and recorded by the surveyor.

During the entire length of the stormwater pipe there was only one area of noticeable degradation which has been documented below which included surface rust and calcium and/or lime buildup.

From access "b" to pit "c" there are no further access points over the approximate 100m distance. Other than the previously mentioned degradation the pipeline presents in almost new condition.

Once the pit "c" was reached there were multiple inlets noted, of interest was the 700mm diameter pipe which was leading back to the corner of the large shed approximately 40m and on a 45° horizontal plane from the main stormwater line. This pipeline was traced back to the retention pit next to the large shed.

GPR Scanning Australia Pty Ltd

All areas of interest have been marked in green spray according to AS5488 for stormwater and recorded at the time of placement by the on-site surveyor.

GPR Scanning Australia Pty Ltd

Pipe towards front boundary:



GPR Scanning Australia Pty Ltd























































TERMS AND CONDITIONS OF TRADE

- 1. In these terms and conditions
 - 1.1. "The Company" means GPR Scanning Australia Pty Ltd ABN 68 629 787 702 and any of its employees, representatives, contractors or agents.
 - 1.2. "Customer" means the person who is purchasing the Works under these Terms and Conditions
 - 1.3. "Excluded Loss" means any loss of profits, revenues, anticipated savings, reputation, goodwill, opportunities, management time, business or any other loss not arising naturally from the breach.
 - 1.4. "Underground Services" means any underground pipes, cable, sewer, drainage, data and phone services located and marked by The Company.
 - 1.5. "Works" means the work undertaken to locate the placement and depth of Underground Services and any other services performed by the Company for the Customer.
- 2. The Works undertaken by the Company are undertaken on these Terms and Conditions.
- 3. To the extent that these Terms and Conditions (which shall only be waived by written agreement with the Company) are inconsistent with any of the Customer's Terms and Conditions for purchasing the Works (including any term or condition which has the same or similar effect to this clause 3), these Terms and Conditions will prevail to the extent of such inconsistency.
- 4. The Customer acknowledges and agrees that the time for performance of the Works made known to the Customer by the Company is an estimate only and the Company is not liable for any loss, liability, damage, expense or delay arising in connections with the Company's inability to meet that time.
- 5. Payment Terms
 - 5.1. The Customer must pay the charges for all Works immediately upon completion of those Works or, if agreed in writing by the Company, within fourteen days of the date of any invoice issues by the Company to the Customer of those works.
- 6. To the extent that it is necessary for the Company to gain access to any private land ("Property") to perform the Works for the Customer:
 - 6.1. The Customer warrants that it is legally entitled to grant permission to the Company to access the Property.
 - 6.2. The Customer grants a license to the Company to access to the Property for the purpose of performing the Works and conducting any other activities reasonably incidental to or necessary for the performance of the Works.
 - 6.3. The Customer must indemnify the Company from and against any loss, liability or expense suffered or incurred by the Company in connection with the Customer's failure to comply with clause 6.1 or 6.2 (including any costs incurred by the Company in obtaining permission to access the Property itself).
 - 6.4. The decision to proceed with cutting, coring, drilling, boring, or excavation is left entirely up to the Customer.
- 7. Location and marking of Underground Services
 - 7.1. The Company agrees to take all reasonable care in locating ad marking the location of Underground Services.
 - 7.2. If any work or other activity is to be conducted in the vicinity of any Underground Service or any location marked by the Company, the Customer must visually establish the presence or absence (as the case may be) of any relevant Underground Service by hand excavation or by the use of hand augers prior to the commencement of that work or activity. The Customer releases and must indemnify the Company from and against any loss, liability or expense suffered or incurred by the Company in the connection with the Customer's failure to comply with clause 7.2.
 - 7.3. While a good percentage of our work does deal with assisting in the detection of finding electrical conduits and reinforcing steel (including rebar, post tension cables, and wire mesh) in concrete, there are often survey restrictions that could inhibit our accuracy. These conditions could include, but are not limited to, moisture present in the concrete, amount of reinforcing steel reflection, depth of target being located. Customer also fully understands that the GPR equipment cannot scan the 4 inches up to any wall/ceiling/corner. The Company CANNOT guarantee it will be able to locate ALL reinforcing steel and conduits on site.
- 8. Limitation of Liability
 - 8.1. The Company is not liable to the Customer for any Excluded Loss suffered in connection with these Terms and Conditions, whether arising under contract, tort (including negligence) or otherwise.
 - 8.2. The aggregate liability of the Company for loss or damage sustained by the Customer in connection with the performance of the Works or any goods supplied by the Company (whether the claim in relation to the loss or damage arises under statue, in contract, or in tort) is limited to the aggregate of all amounts paid by the Customer to the Company in respect of the Works or goods supplied.

GPR Scanning Australia Pty Ltd

- 8.3. The Company does not accept liability for inaccurate interpretation or any other reason, and the Customer agrees to release and indemnify The Company, its owners and agents from all losses and damages from all alleged negligence and/or contract claims by customer or any third party.
- 8.4. The Company provides Ground Penetrating Radar (GPR) services. While a good percentage of our work does deal with assisting in the detection of underground utility location, we are not a utility locating company. The Company provides utility location services in accordance with the ASCE Standard 38-02, Quality Level "B" that includes Ground Penetrating Radar (GPR) Services. GPR is a good tool for utility locating; however, it is not without its limitations.

In general, our maximum depth penetration is 3-7' deep, however, this depth is completely dependent on the composition of soils in the area being surveyed. Customer fully understands that for every foot in depth penetration with the GPR equipment, the pipe/utility must be at least 1" in diameter to be located. For example, at 4 feet in depth, the pipe/utility must be 4" or larger to detect. Some types of pipes are very difficult to locate, such as clay or concrete pipes, and empty pvc type pipes. Given these factors, The Company CANNOT guarantee it will be able to locate ALL utilities on site.

- 9. If the Competition and Consumer Act 2010 or any other legislation implies a condition or warranty into these Terms and Conditions in respect of any Works performed, and the Company's liability for breach of that condition or warranty may not be excluded but may be limited to, clause 8.1 does not apply to that liability and instead the Company's liability for any breach of that condition or warranty is limited to:
 - 9.1. The supply of the Works again.
 - 9.2. The payment of the cost of having the work supplied again.
- 10. Nothing in these Terms and Conditions is intended to exclude, restricted or modify right which the Customer may have under the Competition and Consumer Act 2010 or any other legislation which may not be excluded, restricted or modified by agreement.
- 11. On and from the expiration of 1 day form the date of completion or termination of the Works, the Customer agrees releases and forever discharge the company from all liability in respect of the Works, whether such liability arises under the law of contract, tort, equity, statute or otherwise.
- The Customer must supply all current (which must not be less than thirty (30) days old in any case) dial Before You Dig plans for the Company's use in carrying out the works. The Company can supply a copy of the plans to the Customer upon receiving five (5) clear business days' notice from the customer to do so. The Company does not warrant or take responsibility for the accuracy of the Before You Dig Plans.
- 13. The company will conduct the Works in accordance with the guidelines established by SafeWork NSW and the Customer must conduct its work in accordance with those guidelines and it is the responsibility of the Customer to make itself aware of the relevant guidelines.

The Company will not be liable in any way whatsoever to any person for loss or damage (including indirect or consequential loss or damage), however caused (including, breach of contract, tort and/or breach of statute) for any breach of such guidelines by the Customer.

- 14. The Customer must ensure that there is a safe working environment that complies with all Occupational Health & Safety requirements to enable the Company to carry out the Works.
- 15. These Terms and Conditions and the Works performed in accordance with them are governed by and are to be constructed in accordance with the Laws of New South Wales.

GPR Scanning Australia Pty Ltd