SOUTH-EAST SCANNING

GPR Concrete Scanning Site Report

Ground penetrating radar, structural analysis, and utility detection specialists.

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SOUTH-EAST SCANNING PTY LTD
www.southeastscanning.com.au

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www.dialb4udig.com.au
A: Suite 435/241 Adelaide St, Brisbane QLD
E: info@southeastscanning.com.au
P: 1300 175 543

DATE: 2/2/2026

EQUIPMENT: Proceq GP8000

TIME: 09:19 am

HILTI TRANSPOINTER PX10: No

TECHNICIAN: Marc Ogg

DIELECTRIC OF SLAB: 6.15

CLIENT: 345 prijecta

PHONE NUMBER:

CONTACT: Ethan

EMAIL:

SITE ADDRESS: Woolworths Robina North

PROJECT DESCRIPTION:

Concrete scanning prior to fence installation

BY SIGNING BELOW. You agree to all the Terms and Conditions of this report, and you acknowledge that you have been given an opportunity to read it before being asked to sign.

NAME:

SIGNATURE:

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Concrete scanning combined with electronic locating is the best method of clearing concrete slabs for cutting or coring. As with all embedded services, it is impossible to guarantee that all services are located using this method. We will do everything that is reasonable and practical to locate the services in the area nominated by you to discharge your duty of care obligations. Some services such as steel bars are not detectable due to their small size and depth in the slab, others may be shadowed by reinforcing or other embedded objects. Slab thickness may also affect the scan. Some concrete toppings and waterproofing cause poor resolution in the scan making identification of services difficult and often impossible. Foil waterproofing will prevent the scan signal penetrating the concrete so no result will be possible. In the case of critical services such as fire alarm cables it is advisable to notify emergency services that you are undertaking works that may impact on the alarm. A work method statement should be developed prior to coring or cutting with the aim of eliminating false alarms that are disruptive and costly should the fire department or ambulance be dispatched to the site. It should be noted that some alarm cables can activate the sprinkler system in a building, and this should be determined before any coring or cutting works are commenced. Although cables may be live, if there is no current draw, they will not be detectable on a passive search. Cables on circuits other than the one connected to will not be locatable. In complexes with separate tenancies circuits for adjoining shops may be installed through the scan area and most probably will not be detected. Prior evaluation of the site with an electrician is advisable to determine if all circuits should be identified and traced from the distribution board before the scan is taken.
If possible, an electrician should be present at the time of the scan and all available information on service installation and routing should be available. If possible, all electrical services to the area should be de-energized before sawing or cutting, if this is not possible precautions should be taken to protect saw and coring machine operators and bystanders from exposure to electrocution.

Conduits are occasionally tied to steel bars which make them undetectable therefore cutting of any bars should be avoided where possible. Allow for the unknown diameter of bars and services before cutting or drilling. A minimum of 25mm either side of marked targets should be adhered to. Detection of objects within 100mm of walls and corners requires scanning from the opposite side or is unlikely to detect all objects/targets. STOP all work if metal filings are sighted where no steel should be cut or water suddenly disappears. Don't continue drilling more than 20% extra of reported slab thickness.

Whilst every effort is 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 eliminated. Whilst every effort is taken to accurately record and interpret the images located by the Ground Penetrating Radar, South East Scanning cannot be held responsible for inaccurate or false interpretation of data, images or reports relating to target service locations. Design and structural interpretations or opinions expressed by the company or its technicians must be verified by a suitably qualified professional engineer. South East Scanning provide a professional risk reduction service specialising in the location of objects in concrete. The latest equipment is used to carefully carry out examinations and will reduce the risk of unwanted strikes, however, with any technology there are limitation on the detection within concrete. The results provided should be treated as additional sources of information. Without confirmation from drawings and verification from an engineer, findings should not be treated as conclusive.

Type	Colour
First Layer of Reinforcing:	**GREEN**
Second Layer of Reinforcing:	**BLUE**
Post-Tensioned Cables:	**ORANGE - Wavy Line**
Live Electrical Services:	**YELLOW**
Conduits / Services	**RED**
Beams / Footings	**BLACK**
Delineation of Area Scanned:	**BLACK -** Dashed Line surrounding location
Unknown / Anomaly:	**PINK**

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SURVEY SUMMARY

GPR make and model:	Proceq GP8000
Slab depth determined to be approx.	200mm (+/- 20%)
Number of reinforcement layers identified:	2
Steel reinforcement spacings:	200mm
Concrete cover on top of reinforcement	40mm
Proposed penetrations not to exceed:	Na
Live power detected in area:	No
Post tension cables detected in area:	Yes
Services / cast-in utilities detected:	Yes
Data quality:	Average
Cracks or voids identified during scanning:	No

SURVEY NOTES:

GPR scanning of the suspended slab identified an approximate slab thickness of 200 mm with reinforcement spaced at 200 mm centres and an estimated concrete cover of 40 mm. Post-tensioning (PT) tendons were identified and marked in orange. Low-voltage services associated with existing gate infrastructure were detected and marked in pink

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Location # 1

Level # 1

Slab depth	200mm	+/- 20%
Reinforcement	200mm	
Services	Yes	
Post-tension cables	Yes	
Beams or footings	No	
Risk profile	Medium	

Comments:

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If you require further information, access to GPR data, or have questions about the contents of this report, please do not hesitate to get in touch.

Kind regards,

Marc Ogg

GPR Technician

CONCRETE SCANNING

CONCRETE X-RAY

CONCRETE TESTING

DIAL BEFORE YOU DIG

SERVICE LOCATION

DRONE MAPPING