

Ground Penetrating Radar Survey

探地雷達勘察

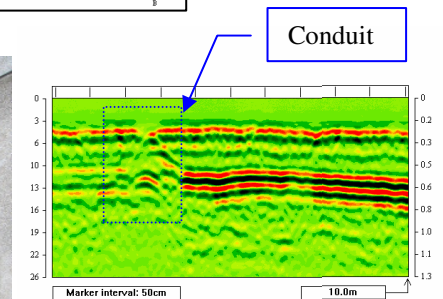
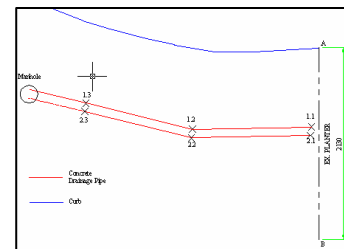
Ground Penetrating Radar Survey (GPRS) provides a safe and non-invasive method of conducting speculative searches without the need for unnecessary disruption and excavation.

探地雷達測試提供一種安全、無損害的檢測方法，不需開挖及不會造成破壞。

- 👍 **Able to detect metal, plastic, asbestos, pot of ceramic, etc**
- 👍 **Wavelength range 0.1 to 10m (between microwave and radio wave)**
- 👍 **Frequency range from 2GHz down to 250 MHz**
- 👍 **Strong penetrating power: up to 4m deep depending on various ground conditions**



Antenna	Typical maximum penetration depth (m)
250 MHz	3 to 4
500 MHz	1.5 to 2
1 GHz	0.5 to 0.75
2 GHz	<50 cm



Ground Penetrating Radar



Ground Penetrating Radar Accessories



Building Diagnostic Consultants Limited 香港工程質量檢測中心有限公司

Service Scope: External wall surface delamination survey & water leakage investigation, underground pipe/conduit detection, crack & void detection, structural test, tailor made testing
 業務範圍： 勘察外牆飾面脫離、勘察漏水、喉管定位、金屬喉管定位、裂縫及空洞探測、結構及定造測試

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