



NON-DESTRUCTIVE EXCAVATIONS & ASSET PROTECTION SERVICES



www.ndegroup.com.au
Call NDE Group 0432 089 703

NDE GROUP

Is rapidly earning a reputation as the Go-To guys for non-destructive excavations and asset protection service in the Pilbara. Our repeat clients are testament that we are the best value and performing service offering available in the Pilbara today.

NDE GROUP services are **safe, cost effective** and **environmentally friendly**.

Historically clients have had to engage several contractors to set out, verify and expose in ground services including booking surveyors, service locators, Vacuum truck services and at times having to get the surveyors back to the job again for verification.

When time is money, scheduling trades, mobilisation time frames to site, shortage of accommodation at times can take weeks if not longer to achieve in today's busy construction market.

NDE GROUP are taking the complex issues and risks of working in and around existing services and are delivering a “**one-stop-shop**” solution for non-destructive excavations and asset protection services in the Pilbara.



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Have you:

- Got a new brown fields project starting soon?
- Do you require non-destructive excavation services?
- Having a difficult time finding a cost effective service provider? www.ndegroup.com.au
- Suffered delay claims and loss of time due to your contractor finding unknown services on the site?
- Not quite confident of the accuracy of existing as-built drawings and would like re-assurance as to the location of your utilities and services prior to construction.
- Have no clue as to where any of your services are or do not know what is in the ground let alone where they run.
- Require an internal visual inspection of conduits and service – prior to cable installation of redundant services.
- Have had an incident and damages to in-ground services?

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Incidents like this happen frequently!!!

The real potential outcomes:-

- LTI's
- Investigations
- Loss of Contract
- Fatalities
- Prosecutions
- Delays and Shut-Downs
- Litigation and Disputes

No one wants to have to explain incidents like this



EVERY CONSTRUCTION PROJECT INHERITS ONE MAJOR RISK – DAMAGE TO EXISTING SERVICES



DO NOT RISK IT – Call NDE Group 0432 089 703



NON-DESTRUCTIVE EXCAVATIONS

Is a process where the ground is penetrated by a high-pressure water blaster which cuts the penetration required by turning the ground into a liquid. This liquid is then sucked up into the waste tank on the unit leaving the desired hole to expose services or any other desired purpose.



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SOME OTHER APPLICATIONS FRC NON-DESTRUCTIVE EXCAVATION SERVICES HAVE BEEN USED FOR

- Drain, culvert and storm water pit cleaning.
- Pot holing for fence posts, bollards and signposts where excavators cannot get to.
- Foundation excavation requirements in tight locations.
- Excavation requirements in situations within proximity to live power where excavators can not dig.
- Dewatering pits and trenches after flooding
- Expose damaged services.
- Installing traffic signs and markers for quick no mess solutions.
- Excavations where existing services are un-known and can not be verified or found.



Don't Risk It Call NDE Group 0432 089 703



SERVICE SCANNING AND LOCATING

VIVAX METROTECH VLOC3 – PRO UTILITY LOCATOR

Introduces new innovative tools for locating buried utilities assuring damage prevention while gathering information for analysis.

With two sets of screened 3D antennas signal distortion is easily detected and displayed on the bright full color display.

Along with classic locate screens the vLoc3 series locators offer new locate perspective screens of Vector Locate for fully automatic non-walk over locating, Transverse Graph showing both peak and null simultaneously providing immediate measurement of signal distortion, Plan View showing the relative orientation of the cable at any angle, and a new graphical Sonde screen with guidance arrows leading to the sonde location even when it is vertical.

The highly user configurable vLoc3 series contains eight passive locate modes, fault-find mode, SD (showing direction of outgoing current), and a range of configurable frequencies from 98Hz to 200 kHz.

Visual and mechanical vibration alerts can also be configured by the user providing warnings for shallow depth, overload, overhead cables, and excessive swinging. Plug-in-play options for the receiver include optional Bluetooth module usable with external GPS devices and MLA (marker locator adapter) to locate buried markers.



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VCAMMX-2 – INSPECTION CAMERA

- Increase productivity and profitability with the feature-rich vCam-6 HD inspection camera system.
- Built tough and reliable for everyday use, the versatile vCam-6 is a good fit for plumbers, electricians, mechanical fitters, contractors, home inspectors, building maintenance supervisors, or anyone looking to inspect the interior of a pipe or duct.
- Create crisp, detailed HD video inspections with audio comments, text descriptions, footage, date, and timestamps to submit to your customers without worry.
- Designed for ease-of-use and engineered for dependability, the vCam-6 ensures trouble-free operation with little down time.



OUR ADVICE FOR NEW PROJECTS - HAVE A PLAN



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SERVICE SCANNING AND LOCATING

LEICA DS2000 GPR
– GROUND PENETRATING RADAR

There's a lot going on underground that you need to know about.

The Leica DS2000 Utility Detection Radar easily detects and positions deep and shallow targets simultaneously, collecting more information, faster, in any environment.

Data gathering and export of any underground utility, from fibre optics to storm sewers, is made possible with the DS2000.

The system comes with uNext, a powerful acquisition software running on a rugged field tablet.

The DS2000 is part of the complete Leica Geosystems detection and underground mapping solution.

Combine DX Office Vision, an easy-to-use post processing software, that if used with the Leica GG04 Plus high-accuracy GNSS antenna, produces survey grade spatial data outputs, or add the Leica DD SMART pipe and cable locator kit which comes with a free cloud-software to record all your field measurements.

This complete solution will enhance your business by making it faster and more efficient.



NDE
— GROUP —

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SERVICE PICK-UP & AS – BUILTS



GG04 – MAPPING SYSTEM

- **NDE GROUP** can provide a service mark up for all the services identified in the area of interest.
- With 4 levels of Quality there will always be an option for your project.
- All Deliverables can be customized to our clients' standards.

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DO IT RIGHT THE FIRST TIME

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Our Advice for new projects – Have a Plan

Scan – Set out – Non-Destructive
Excavations – Verify and Record.

Eliminate – The risks of major
delays and cost blow outs by
damage to inground services

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VALUES

Our core values identify and define the way we work.



CULTURE

The NDE GROUP culture is well noticed and remembered by all our clients in the way we work.

The NDE culture is made up of a combination of

- Safety
- Mateship
- Teamwork
- Family values
- Accountability
- Hard work

SAFETY

At NDE GROUP – Safety is part of our daily routine – it is a part of everything that we do and how we do it.

NDE Group is fully committed to

- Safety first culture
- LTI free projects
- Training and education of our staff
- Free speech workplace culture

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Dial NDE Before You Dig



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DIAL
NDE GROUP
BEFORE
YOU DIG





STRATEGICALLY LOCATED

Being strategically located in Newman and Perth. NDE GROUP has the capability to mobilise state-wide very quickly to offer cost effective and hassle-free solutions to our clients.

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- **Phone: 0432 089 703**

- **Statewide – Newman, Mandurah, Karratha, Port Hedland**