

CAPABILITY STATEMENT



**NORTH COAST
DRILLING & WICKS**



CAPABILITY STATEMENT

North Coast Drilling is a small successful environmental and geotechnical drilling company based in Northern NSW.

In 1993 after 12 years drilling for the RTA, Craig Pullman established North Coast Drilling. The company started out with one rig & has developed over the years to 7 drilling rigs to satisfy the increased demands of clients for his expertise in the industry.

In 2007 Shannon Simon became a partner in North Coast Drilling after working as a driller for Craig for a period of 10 years.

North Coast Drilling has a fleet of modern drilling rigs and support trucks that provide the highest quality geotechnical & environmental drilling services to the industry.

SERVICES PROVIDED

North Coast Drilling provides the following services:

- Solid Stem Augers (100mm, 250mm for bulk sampling upon request)
- Standard penetration testing
- Undisturbed sampling (U50, U75)
- Concrete coring
- Casing to suit conditions (HW, NW)
- Mud rotary drilling (N acme, NW rods)
- Coring (NMLC, HMLC, HQ, NQ, HQ)
- Borehole grouting & decommissioning
- Packer testing
- Installation of monitoring wells (hand slotted PVC, machine slotted PVC)
- Installation of inclinometers
- Installation of vibrating wire piezometers (VWP)
- Installation of magnetic extensometers (ME)
- Supply of water for drilling activities
- Over water work
- Packer testing
- Instrumentation for settlement monitoring
- Installation of wick drains (PVD prefabricated vertical drains)

HEALTH & SAFETY POLICY

At North Coast Drilling we are committed to providing safe and healthy working conditions for all people involved in our business, including contractors, visitors and the general public. All employees of North Coast Drilling have responsibility for implementing this policy.

We recognise that people are our biggest asset, and their health safety and wellbeing is our greatest responsibility. In meeting the commitment of this policy we at North Coast Drilling will:

- Demonstrate commitment and leadership through all managers and supervisors.
- Clearly define health and safety responsibilities for managers, supervisors, employees and contractors.
- Work to eliminate hazards and practices that could cause incidents, injuries or illness.
- Comply with all applicable health and safety Acts and Regulations as a minimum.
- Incorporate health and safety into all business decisions so that we can continuously improve our systems of work.
- Involve all people who work for the company in identifying, assessing and controlling workplace hazards and in reviewing health and safety performance.
- Undertake to help our people to achieve full recovery through prompt treatment and active rehabilitation programs following workplace injury or illness.
- Allocate resources to meet the commitment of this policy.

ENVIRONMENTAL POLICY

North Coast Drilling is committed to ensuring that all activities, and work, undertaken on their site, will be conducted in a way that will further reduce the environmental impact of our operations.

We will strive to reduce waste, spills, emissions and discharges.

We intend to conduct our operations in the most energy efficient manner.

Our goal is to achieve incident free Operations and Operational excellence at all of our workplaces.

In an effort to improve the capture and management of environmental data, provide assurance that we are managing our environmental risks, consistently meet Regulatory Compliance and identify cost saving opportunities; we will:

- Consider Environmental considerations in all of our business planning and operations.
- Continually strive to reduce the Environmental impact of our business, by conserving the use of raw materials and resources, and minimise waste streams.
- Re-cycling is to be promoted throughout the company, at all levels.
- Comply with all relevant Environmental Laws and Regulations, and other criteria to prevent pollution and environmental damage.
- Implement monitoring and reporting procedures to communicate our performance, both internally and to relevant external stakeholders.
- Train our employees to ensure they are all able to perform their roles in an environmentally responsible way.

We will provide the necessary financial assistance to ensure this policy can be implemented.

DRILLING RIGS

RIG ID	TRUCK	TYPE	REGISTRATION
RIG 01	FTS700 ISUZU 1990' 4X4	Pioneer 160 mole	AT-00-XU
RIG 02	FSS 550 4X4 ISUZU 2000'	Pioneer 160	BB-90-ZL
RIG 03	CANTER 4X4 MITSU 2007'	Pioneer 120	BD-12-HI
RIG 04	CANTER 4X4 MITSU 2009'	Pioneer 100	AV-43-CN
RIG 05	TRAILER	Pioneer 160TR	V-57822
RIG 06	Yanmar C30R-1 2000' (Track Base)	Pioneer P120	N/A
RIG 07	Track base remote	Pioneer P160	N/A

SUPPORT VEHICLES

SUPPORT ID	WATER TANK	TRUCK	REGISTRATION
SP 01	2000L	Mitsubishi 2007' 4X4	AT-68-SB
SP 02	2000L	Mitsubishi 2009' 4X4	BB-79-VM
SP 03	2000L	Mitsubishi 2009' 4X4	BB-80-VM
SP 04	2000L	Mitsubishi 2007' 4X4	AV-42-CN
SP 05	2400L	Isuzu FSS 550 2002' 4X4	BB-69-LT
SP 06	2000L	Mitsu Canter 4.0 2005 2X4	BB-74-EL
SP 07	800L	Yanmar C30R-1	N/A
WATER CART	9100L	Isuzu FVR 950	BH-08-SR

CAPABILITIES

	P160	P160	P160	P120	P160TR	PT120TB	P160
RIG ID	Rig 01	Rig 02	Rig 03	Rig 04	Rig 05	Rig 06	Rig 07
SPT	YES						
UNDISTURBED SAMPLING	YES						
SOLID AUGERS	18m (100mm)	15m (100mm)	15m (100mm)	12m (100mm)	15m (100mm)	15m (100mm)	15m (100mm)
ROTARY MUD	70m	60m	60m	50m	60m	60m	60m
NMLC CORE	80m	70m	70m	60m	70m	70m	70m
CONCRETE CORE	300mm						
HOLE GROUTING	YES						

*All depths given are in favourable ground conditions.

- All drilling rigs carry solid augers and mud rotary drilling equipment.
- All drilling rigs are fitted with 2 emergency stop switches, spill kits, 1st aid kits, fire extinguishers, 2 way radios, safety cages with hydraulic rotation lock out and amber beacon.
- All staff are cert 3 drilling qualified with first aid certificate.

MATERIAL STORE

North Coast drilling supplies a wide range of consumables including:

- U50 and U75 tubes (caps)
- PVC piezometer (hand slot, machine slot)
- Monuments and gatic covers
- Core boxes, core foam, PVC splits
- Graded sand, cement, bentonite, lime
- Liquid polymer, Bio-vis
- Instrument installation equipment
- Drilling bits, casing shoes

RIG 02 & SUPPORT



RIG 04 & SUPPORT



RIG 03 & SUPPORT



RIG 05



RIG 05 SUPPORT



RIG 06 SUPPORT



RIG 06



WATER CART



WICK RIG

SPECIFICATIONS	DATA
Static (Crowd) Force	133 kN / 17 US tons
Dynamic Force @ 1800 cpm	356 kN / 40 US tons
Combined Static/Dynamic Force	489 kN / 57 US tons
Operating Frequency	0-1, 350 cpm
Suspended Weight	3855 kg / 8500 lbs
Maximum Pressure	344 bars / 5000 psi
Maximum Flow	454 lpm / 120 gpm
Maximum Mandrel Speed	100 m/min / 330 ft/min
Length	1880 mm / 74 in
Width	732 mm / 30 in
Height	2438 mm / 96 in
Excavator	PC650-6
Excavator Ground Pressure	19PSI
Installation Depth	30 Metres



PAST PROJECTS

COMPANIES:

- Abigroup
- Leighton's
- Baulderstone / Lend Lease
- Thiess
- Holland
- Arup
- Smec
- Ghd
- Aurecon
- Coffey's
- Golders
- Rca Australia
- Douglas Partners
- Keller Ground Engineering
- Menard Barchey
- PB

PACIFIC HIGHWAY PROJECTS:

- Yelgun to Chinderah Bypass
- Banora Point Bypass
- Ballina Bypass
- Tintenbar to Ewingsdale Bypass
- Brunswick Heads Bypass
- Woolgoolga Bypass
- Herons Creek Deviation
- Johns River Deviation
- Taree Bypass
- Bulahdelah Bypass
- Fredericton to Eungai
- Woolgoolga to Glenugie
- Nambucca Heads to Warrel Creek
- Oxley Highway to Kempsey
- Devils Pulpit to Ballina
- Numerous projects throughout NSW directly for RMS

COMPANY STRUCTURE

Craig Pullman

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The logo consists of the letters 'NC' stacked above 'DW' in a bold, white, sans-serif font, centered within a black square.

**NC
DW**

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CONTACT DETAILS

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