



COMPANY PROFILE

FOUNDTTEST DRILLING SDN. BHD.(1121180-V)

No. 5, Jalan PTP 1/1,
Taman Perindustrian Tasik Perdana,
47120 Puchong,
Selangor.

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INTRODUCTION

Foundtest Drilling Sdn. Bhd. is a specialist drilling company that has been providing cost effective drilling works for site investigation, ground improvement, piling and foundation solution to the construction, as well as other industries in Malaysia and neighboring regions.

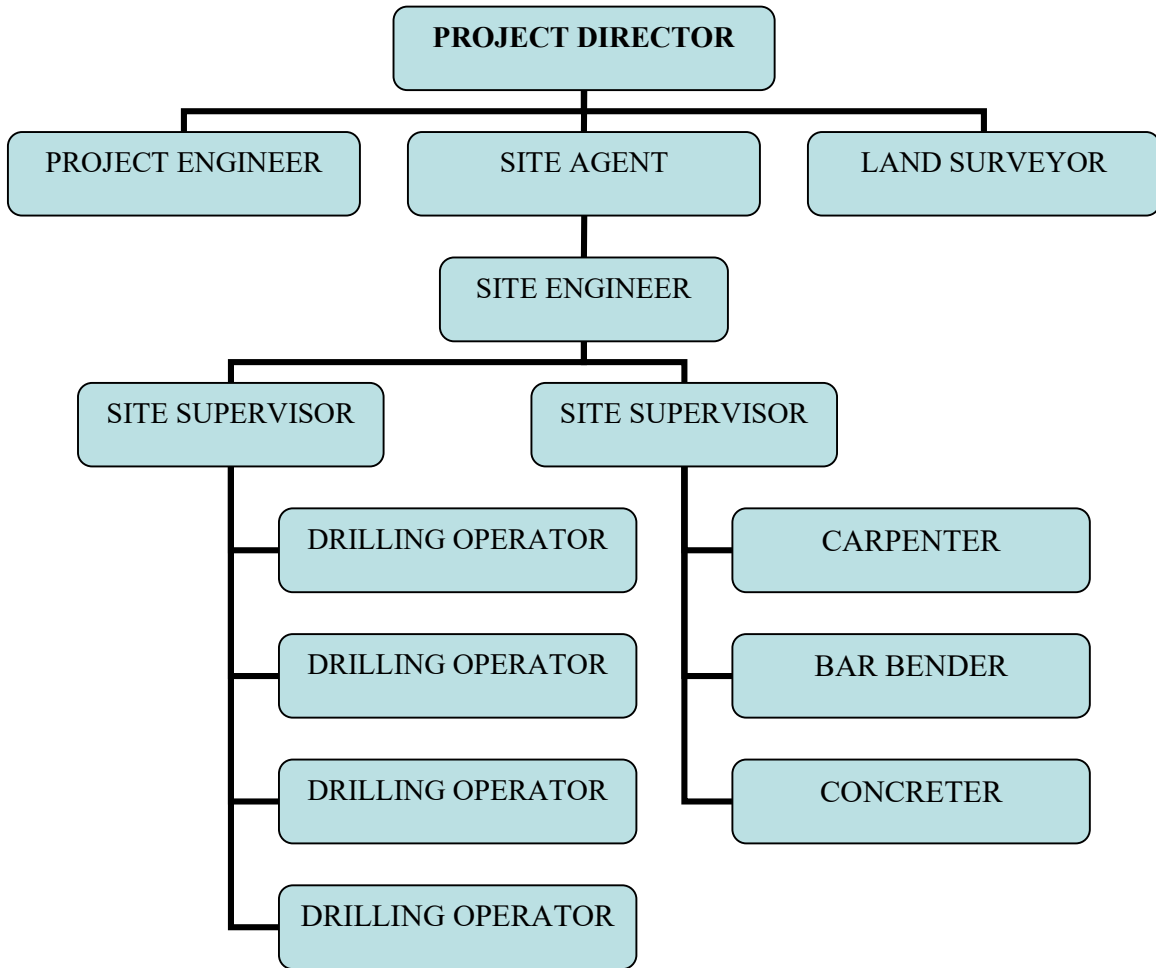
With our expertise, experience and well equipped teams; we are able to undertake all kind of challenging drilling task in demand of current industries. This includes full range of services for piling and drilling works from design to completion. We always team up well with developers, builders, consultants, miners and even private individuals in achieving their objectives of drilling works in the projects they are handling. Our team is fully committed in providing the best services to complete the task given by our clients.

Foundtest Drilling Sdn. Bhd. welcomes your enquiry for any kind of foundation works. We will make an effort to deliver to you the highest quality of work on time within a reasonable budget.

CORPORATE INFORMATION

Company Registered Name	Foundtest Drilling Sdn. Bhd.
Date Of Incorporation	04 th December 2014
Registration Number	1121180-V
Management Office	No. 5, Jalan PTP 1/1, Taman Perindustrian Tasik Perdana, 47120 Puchong Selangor.
Contacts	Tel : 03-80515333 Fax : 03-80519955 Email : admin@foundtest.com.my Website : http://www.drilling.my
Company Secretary	Kooi Hwan Yeu (F) Company Secretary (MIA 22878) No.3-8, Jalan Puteri 4/9, Bandar Puteri, 47100 Puchong, Selangor.
Bankers	Public Bank Bhd Bandar Puchong Jaya, Selangor

ORGANIZATION STRUCTURE



KEY PERSONNELS

Ir. Lim Ah Ho (Director / Advisor)

PROFESSIONAL QUALIFICATION

Bachelor of Science in Civil Engineering

South Dakota State University, United State of America

Elected Member of the Institution of Engineers, Malaysia (MIEM)

Registered Professional Engineer (Civil), Malaysia

EXPERIENCE RECORD

1987 – 1988

Resident Engineer – Ideal Heights Properties Sdn. Bhd.

1989 – 1991

Senior Resident Engineer – Ideal Heights Properties Sdn. Bhd.

1991 – 1992

Project Manager – Perwira Indra Sakti Sdn. Bhd.

1992 – 1994

Civil & Structural Engineer – Angkasa Jurutera Perunding Sdn. Bhd.

1995 -1997

Project Manager – Pembinaan Tarji Sdn. Bhd.

1997 – Present

Director – GFRC (M) Sdn. Bhd.

2004 – Present

Director – Foundtest Drilling Sdn. Bhd.

Job experience includes overall site supervision, coordination, management, project planning and liaison with government department. Also involved in design of structural & civil works, preparing tender & contract documents, site inspection and problem solving on construction site. Currently active in specialist contractor for Precast Glass-fibre Reinforced Concrete, Precast Concrete Panel and testing for soil, foundation and building works.

Involved in the following projects :

- Low and Medium Cost Apartments
- Link houses
- “CASA MILA” condominium
- Construction and completion of 132/33/11KV Substation for TNB, Bayan Lepas
- North-South Interurban Toll Plaza Work at Ladang Bertam, Butterworth
- Construction of 256 units of Long Houses on Subang Depot Annex, Mukim Damansara, Petaling Jaya.
- Construction of 52 units of Long Houses In Kampung Air Lanjut, Jalan Genting Klang, Mukim Setapak, Kuala Lumpur.

Mr. Wong Ching Wang (Engineering Staff)

PROFESSIONAL QUALIFICATION

Bachelor of Science (Civil & Environmental)

South Dakota State University, United State of America

Registered Member of the Board of Engineers, Malaysia (BEM)

EXPERIENCE RECORD

2000 - 2004

Project Engineer – Geonamics (M) Sdn Bhd

2004 – 2014

Project Engineer – Foundtest (M) Sdn Bhd

2014 – Current

Project Manager – Foundtest Drilling Sdn Bhd

Experienced in various kind of soil, foundation and building testing services.

Involved in the following projects :

- South Klang Valley Expressway
- Petronas Melaka Refinery PSR-2 Revamp Project
- Middle Ring Road 2
- Manjung Power Station
- Serdang Hospital
- Muar Second Bridge
- Ipoh-Rawang Electrified Double Track
- Imbi Monorail Station
- Batu Kawa Flyover, Kuching
- Private Hospital, Jln Tun Razak
- Saujana Impian, Kajang
- Kajang Traffic Dispersal Ring Road
- Guthrie Corridor Expressway, Shah Alam
- Sprint Highway, Penchala Link
- Alice Smith School, Serdang
- KLIA City Air Terminal
- Sarawak Bridge Replacement Project
- Batang Baram Bridge, Miri
- Taiwan High Speed Railway, Taiwan
- Infrastruktur Pemancaran Digital Bangunan Dan Menara Stesen Pemancaran Bukit Subok Untuk Radio Television Brunei.

Mr. Max Teo Sze Meng (Engineering Staff)

PROFESSIONAL QUALIFICATION

Bachelor of Science (Civil & Environmental)

South Dakota State University, United State of America

Registered Member of the Board of Engineers, Malaysia (BEM)

EXPERIENCE RECORD

1999 – 2000

Project Engineer – See Song & Sons Construction Sdn. Bhd.

2000 - 2004

Project Engineer – Geonamics (M) Sdn Bhd

2004 – 2014

Project Engineer – Foundtest (M) Sdn Bhd

2014 – Current

Project Engineer – Foundtest Drilling Sdn Bhd

Experienced in various kind of soil, foundation and building testing services.

Involved in the following projects :

- South Klang Valley Expressway
- Petronas Melaka Refinery PSR-2 Revamp Project
- Serdang Hospital
- Imbi Monorail Station
- Middle Ring Road 2
- Batu Kawa Flyover, Kuching
- Ipoh-Rawang Electrified Double Track
- Manjung Power Station
- Bridges Project in Kelantan
- Batang Baram Bridge, Miri
- Sarawak Bridge Replacement Project
- Kajang Traffic Dispersal Ring Road
- Guthrie Corridor Expressway, Shah Alam
- Private Hospital, Jln Tun Razak
- KLIA City Air Terminal
- Taiwan High Speed Railway, Taiwan

Mr. Liew Shan Shin (Engineering Staff)

PROFESSIONAL QUALIFICATION

Bachelor of Engineering (Civil)

University Technology Malaysia, Johor

Registered Member of the Board of Engineers, Malaysia (BEM)

Certified PDA tester

EXPERIENCE RECORD

2002

Design Engineer – Ooi & Associates (Civil & Structural Consultant Firm)

Involved in design of water reticulation system, architectural and structural design for the following projects:

- Housing Project in Tangkak, Johor
- Kiwi Factory, JB
- Long Akah Bridge, Sarawak

2002 - 2004

Project Engineer – Geonamics (M) Sdn Bhd

2004 – 2014

Project Engineer – Foundtest (M) Sdn Bhd

2014 – Current

Project Engineer – Foundtest Drilling Sdn Bhd

Experienced in various kind of soil, foundation, building testing services and retaining wall construction.

Involved in the following projects :

- Ipoh-Rawang Electrified Double Track
- Petronas Melaka Refinery PSR-2 Revamp Project
- Taiwan High Speed Railway, Taiwan
- Kolam Flyover, Kota Kinabalu
- Lanang Bridge, Sibul
- Office Chanceries, Diplomatic Enclave, Putrajaya
- Guthrie Corridor Expressway, Shah Alam

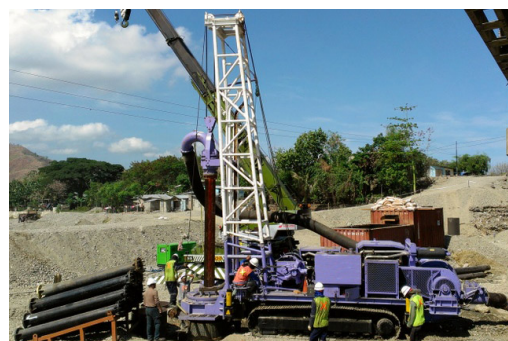
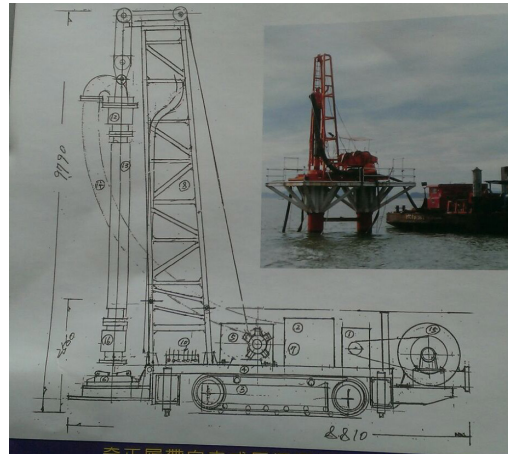
PRINCIPAL ACTIVITIES

Foundtest Drilling Sdn Bhd was formed as a drilling and piling company serving both the private and public sectors. It successfully addresses the varied needs of a broad spectrum of clients including Government authorities, large construction and engineering groups, consultants and manufacturers. The activities of Foundtest Drilling are focused primarily on Soil Investigation, building and Infrastructure foundation, soil improvement namely Bore Piling, Micro Piling and Jet Grouting. To support these activities, Foundtest Drilling has well equipped hardware and relevant software which is conducted by a team of highly experienced personnel leaded by qualified engineers to ensure optimum client satisfaction.

Soil Investigation assists the foundation design team by providing relevant soil test on site. The design engineers need to gather adequate on site soil information in order for them to proceed with the foundation design. Foundtest Drilling is able to serve the consultant's need by providing complete **Soil or Geotechnical Investigation works** which includes Soil Boring, Standard Penetration Test (SPT), Soil Sampling, Laboratory Test, Mackintosh Probe test, Field Density, Proctor/Compaction Test and etc.



In **bored pile** construction, numerous types of machineries and equipment were adopted to drill bigger and deeper bored pile in order to achieved economy of scale in the piling industry. The method Foundtest Drilling using for the bored pile construction has being verse and widely practised in Taiwan for more than a decade. The boring equipment is a simple unit with large frame runs by electrical motor. The main parts play major role in achieving effective drilling in Reverse Circulation Drilling is the powerful suction pump at the external of the rig with an output of 200m³/hr. The RCD method maintain the slurry level at pre-recommended level at all time and hence improved bored stability during drilling which contradictory to bored pile drilling by Kelly method which creates constant hydraulic suction as the boring bucket is lifted up from the borehole. The RCD creates less noise since the boring works using primarily generator set with equipped noise damper and drilling works is mainly runs by electricity. No clinking sounds since the soil is cut and sucks from the borehole is filtered through desander or filtration tanks. The light weight and small size drilling rig can be easily mobilised to confined area. With all the advance features, it has lower cost in large diameter bored pile drilling up to 3m diameter and depth up to 80m.



Micropile is another type of pile which is act as a supporting structure to transfer the load from the building to the ground, constructed by the drilling process and are often keyed into rock. Foundtest Drilling is using Casagrande and Kobelco drilling rigs for diameter ranging from 100mm to 300mm. Micropile is now gaining greater popularity and getting wider acceptance because of the requirement to comply with no noise and low vibration regulations, especially in congested environments. Geotechnically, micropile is most suitable in ground conditions such as shallow bedrock, boulders and cavities, intermediate hard strata and underpinning.



Jet grouting is a construction process using a high kinetic energy jet of fluid to break up and loosen the ground, and mix it with thin slurry. It is not truly grouting but rather a hydrodynamic mix-in-place technique producing a soil-cement material. Foundtest Drilling utilizes single, double and triple jets for mass treatment, linear treatment and inclusions, in soils of good to poor groutability. The very high speed jet loosens the soil, the jetting fluid washes some of the soil to the surface and the slurry adds a binder to the soil mix.

Foundtest Drilling Sdn Bhd also provides Piling Services using other common method, such as Hydraulic Impact Driving and Jack In.



LIST OF MACHINERIES AND EQUIPMENTS

TYPE OF PLANTS	QUANTITY
1. YWE D90R drilling machine c/w Yanmar TF160 diesel engine.	8 Units
2. YWE piston pump c/w Yammar TS70 diesel engine.	8 Units
3. NW casing.	800 Meter
4. HW casing.	800 Meter
5. AW Rod.	80 Nos.
6. Casagrande C6 drilling rig.	2 Units
7. Kobelco SK07 drilling rig.	1 Unit
8. Grout pump GP10	3 Units
9. Packers	3 Units
10. Grout mixer (5 BAGS)	3 Units
11. Welding set (Miller)	3 Units
12. Compressor (INGERSOLL-RAND)	3 Units
13. Electrical Agitator	3 Units
14. Soil nail/horizontal drain drilling rig AP500	2 Units
15. Guniting machine	3 Units
16. Coring machine.	3 Units
17. Generator set 25KVA	3 Units
18. S500 RCD drilling rig. (A frame type)	3 Units
19. S600 RCD drilling rig. (crawler type)	2 Units
20. Generator set 50KVA	5 Units
21. IHI jet grouting rig	1 Unit
22. YBM SI30 skid type jet grouting rig (crawler type)	1 Unit
23. SG75 MK111 jet grout pump	2 Units
24. Generator set 100KVA	2 Units
25. Grout mixer (10 BAGS)	2 Units
26. Hydraulic Piling Machine	2 Units
27. Hino 3 ton lorry	3 Units

LIST OF SELECTED PROJECT REFERENCES

CADANGAN MENDIRIKAN SATU UNIT GUDANG UNTUK TETUAN HOVID, CHEMOR, PERAK.	GB ONE CONSTRUCTION SDN BHD
BIOGAS TREATMENT PLANT OF KILANG SAWIT FELDA KAHANG, JOHOR	GREEN & SMART SDN BHD
PROJEK PEMBAIKAN CERUN DAN KERJA-KERJA BERKAITAN DI PENGKALAN GAWI, TASIK KENYIR, TERENGGANU DARUL IMAN.	SERI IBAI ENTERPRISE SDN BHD
PILING WORKS FOR 2 STOREY MOSQUE AT SHAH ALAM, SELANGOR	ELASTIC BLITZ SDN BHD
PROPOSED UPGRADING OF EXISTING EFFLUENT TREATMENT PLANT USING CLOSED ANAEROBIC REACTOR FOR BIOGAS POWER PLANT OF KILANG SAWIT FELCRA BERHAD SEBERANG PERAK, KAMPUNG GAJAH, PERAK. (PILING AND RC FOUNDATION WORKS)	GREEN & SMART SDN BHD
CADANGAN MEMBINA SEBUAH KILANG 'FABRICATION', Pengerang, Kota Tinggi, JOHOR DARUL TAKZIM UNTUK TETUAN RAMUNIA HOLDINGS BERHAD.	LPT CONSTRUCTION SDN. BHD.
PROPOSED MODERNISATION AND AUTOMATISATION OF RAMUNIA YARD AT TELUK RAMUNIA, JOHOR DARUL TAKZIM	LPT CONSTRUCTION SDN. BHD.
GLYCEERINE DISTILLATION AND BLEACHING PLANT AT SOUTHERN EDIBLE OIL, KLANG.	EVERSAFE ENGINEERING SDN. BHD.
ADDITIONAL STORE FACILITIES (PERLIS POWER PLANT)	NOR SHARIL BIN BAKAR
SEKIM BEKALAN AIR ARAU FASA IV (PAKEJ 2) – MEMBINA DAN MENYIAPKAN LOGI PEMBERSIHAN AIR ARAU FASA IV SERTA KERJA-KERJA BERKAITAN DI NEGERI PERLIS	FELHATAN TRADING SDN. BHD
LOT 1, JALAN CJ1/6C, KAWASAN PERINDUSTRIAN, TAMAN CHERAS JAYA, BALAKONG, SELANGOR.	BENARAWAT METAL SDN. BHD.
PROPOSED AIR ASIA TRAINING ACADEMIC BUILDING, SEPANG – MICROPILING WORKS	PROSPER DYNAMIC SDN.BHD.

CIMA CEMENT PLANT, BAHAU.	SINOMA ENGINEERING SDN.BHD.
PL1, NEW COAL MILL PHASE 2, PERAK HANJOONG CEMENT PLANT, PADANG RENGAS.	SINOMA INDUSTRY ENGINEERING SDN. BHD.
SP CHELLIAH AFFORDABLE HOUSING DEVELOPMENT, PENANG.	ZUBICON SDN. BHD.
DAMANSARA ULU KELANG EXPRESSWAY II (DUKE II).	LT SETIA SDN. BHD.
INFRASTRUCTURE & ROADWAYS FOR TRX	SINOHYDRO (M) SDN BHD
REFINERY & PETROCHEMICAL INTEGRATED DEVELOPMENT PROJECT (RAPID)	TECHNIP GEOPRODUCTION (M) SDN BHD
KLANG VALLEY MRT (SG.BULOH-KAJANG)	APEX COMMUNICATIONS SDN BHD