

# Hornet Drilling and Geological Services Pty Ltd

## Vision Statement

Hornet Drilling and Geological Services Pty Ltd (Hornet) is a leading provider of services to the mining and civil industries through the delivery of an uncompromising, inclusive geological consulting, logistics and drilling service, characterised by the proficiency of staff and the timely provision of high-quality results.

## Values

Our values focus on Service, Delivery and Precision.



## Introduction

Hornet Drilling and Geological Services Pty Ltd (Hornet) delivers a drilling service within a comprehensive geological consultancy. Clients benefit from sourcing from the one professional group, their solutions from early-stage regional targeting through the exploration to mining and rehabilitation cycle. Hornet delivers extensive experience in resource estimation (to the standards of the 2012 JORC Code), Due Diligence, PFS, DFS and Operations, competency in the sign-off on Heavy Mineral resources and offshore exploration for detrital deposits.

With a focus on maintaining a safe and responsive service, Hornet has established itself as a high-quality, integrated service provider that delivers above client expectations. Our enthusiasm, high levels of engagement and outstanding service is reflected in our growing Australian and International client base and repeat contracts. Hornet staff are innovative thinkers with a record of solving client drilling, sampling and logistical requirements; nothing is too much trouble.

As a reflection of the way we do business, Hornet has achieved ISO certification of our SHEQ Management System. These include ISO 9001 (Quality), OHSAS 18001 (Occ. Health and Safety) and ISO14001 (Environmental Management).

Hornet is a member of the Australian Drilling Industry Association (ADIA) and the Australian Institute of Geoscientists (AIG).

## Board

Commensurate with the high-standards delivered by Hornet, the team has been assembled from leaders in the minerals exploration and mining sectors.

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|--------------------------|---|
| • Managing Director      | Richard Stockwell BSc Geol (Hons) MAIG; 20 years' industry experience |
| • Non-Executive Director | Mark Thomas BCom, MBA, CPA, FCIS; >20 years' industry experience      |
| • Non-Executive Director | Eamon Hannon BSc Geol, FAUSIMM; >20 years' industry experience        |

## Operations team

High-performing individuals, with a known innovative, safe and professional attitude have been identified to ensure the standards that are characteristic of Hornet are maintained and promoted. This is considered an essential step in maintaining our safety and quality culture. Hornet senior drillers each have more than 12 years' experience in all forms of drilling, drill tool design and rig manufacture.

Staff are trained in QA/QC procedures, manual handling, first aid and fire fighting amongst others, with all training records available upon request. Hornet maintains association with additional drilling and geological staff to ensure a quick response to client needs.

## Premises

Hornet is based in a combined office/workshop space in Davenport, Bunbury, W. A. We are available to mobilise globally where required. Clients are welcomed to visit and complete safety inspections of the premises and equipment.

## Equipment

Drilling and Geological equipment include:

- 1996 Toyota Landcruiser 6WD Mantis 75 multi-purpose drill rig – extensively reconditioned in 2009, 2011 and 2014,
- Drilling equipment and staff to allow completion of RC Hammer Drilling, Water well Drilling, Diamond Drilling and SPT,
- 2009 & 2011 Isuzu NPS 300 4WD support trucks,
- 2015 Toyota Hilux 4WD logging vehicle,
- Preventative maintenance ensure rigs and support equipment achieve >99% availability (achieved 2013 – 2018),
- A selection of trailers (with bulka-bag rails) for bulk sampling, fuel or water carting,
- 1000L bunded fuel trailer, pumps, tanks and other ancillary equipment,
- Panasonic Toughbooks with Micromine Field Marshall software for field logging,
- Datamine Studio RM software licence for 3D geological interpretation and resource estimation,
- ArcGis 10.2 for spatial analysis and exploration planning,



## Vision, Values and Capability Statement 2019

Hornet maintains an up-to-date register of rigs for hire and has associations with other drilling companies to ensure the right rig can be sourced for the job. We also maintain a register of additional, near-new drilling rigs, support vehicles and drill tooling to allow rapid expansion to meet client needs. Our experience in rig design and construction and our association with high-quality machinists and hydraulics experts will ensure expansion will be timely, safe and efficient.

All vehicles have current maintenance records, are in excellent serviced condition and built to mine safety specification:



COMMERCIAL IN CONFIDENCE





## Services

The following images display a selection of our services. For more photographs and further information, visit our website at [www.hornetgeodrill.com.au](http://www.hornetgeodrill.com.au).



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## Capability

With the existing teams and equipment, Hornet is able to successfully complete a broad spectrum of services to a standard commensurate with industry best practice. Where not immediately available, drilling capability, equipment and personnel can be sourced rapidly to meet client needs. Personnel and equipment capability is as follows:

### Consultancy

- Whole-of-project management – geological, logistics and drilling,
- Exploration Strategy,
- Project Due Diligence, PFS, DFS,
- Operational advice, mine geology/pit tech, mine reconciliation,
- Regional and international target generation, review and advice,
- Drill programme design,
- Exploration process and procedure development,
- Database advice and data validation,
- Survey, assay and land access advice,
- Establishment and application of QA/QC protocols (HM Standards available),
- Geological logging and drill execution,
- Geological interpretation,
- Metallurgical sample definition,
- Resource estimation and compliance (Competent Persons),
- Offshore (sub-sea) mineral exploration and advice,
- Drill rig inspection and drilling advice,
- Logistical management and advice,
- A broad network of Geologists, GIS and Laboratory professionals and Engineers available for overflow and extension work.



## Drilling and sampling

- Diamond drilling,
- RC Aircore in NQ to 120m + surface hammer,
- RC Hammer,
- Water well,
- Grade control drilling,
- A range of Aircore bits designed in-house for precise sampling through running sands, rock and clay,
- Earth spike installations,
- Winch and wireline on RC Aircore rig for down-hole survey. Inner tubes can be retrieved for survey tool or earth spike installation.
- Team is trained in down-hole gamma, density and gyro logging.
- Sample splitting via on-board neoprene cyclone and rotary splitter with gates for duplicate splitting,
- Rigs carry Hydrocarbon spill kit, sample bund and fire suppression equipment,
- Rigs have foot-clamp systems for make & break, interlocked safety rod guards and multiple emergency stop buttons.

## Clients

Hornet has a broad spectrum of clients through the Mining, Agricultural and Civil industries. Client contact details and commendations are available by consultation.

## Future

Hornet will continue to target a broad client base that represents a diverse range of commodities and locations. Additional people and equipment will be rapidly sourced to meet the demands of its clients. The Board meets frequently to ensure the business is equipped to meet current and future demand and stays focussed on its vision. Hornet enjoys strong support from investors, ensuring that it is financially able to meet these challenges.