



## EXPERTISE

- Project Management of Field and Laboratory testing for Large Infrastructure Projects
- Laboratory Management
- Thermal Resistivity testing

## LANGUAGES

English

## CONTACT

0409 780 620

brett@allgeo.com.au



# BRETT BELLINGHAM

Operations Manager - Testing

## PROFILE

Brett has 20 years of experience working in the testing of construction materials in geotechnical and civil construction materials testing engineering field in Australia.

Brett has extensive experience in testing soils, concrete and aggregates to Australian Standards and Roads and Maritime Services associated with a diverse range of construction projects undertaken by private companies and government authorities.

## EDUCATION & CERTIFICATIONS

**2017 | Associate Diploma of Laboratory Operations**  
(Construction Materials Testing)

### **NATA Level 5 Rating for Experience and Qualification**

In accordance with ISO/IEC 17025 Application Document Infrastructure and Asset Integrity – Annex Geotechnical and civil construction materials testing.

### **NSW Environment Protection Authority – Radiation**

**Licence Certificate** – S30 Use Radioactive Substances for density/moisture determination.

**RIIWH201D - Work Safely & Follow WHS Policies & Procedures**

**RIIWH202D - Enter & Work in Confined Spaces**

**RIIRIS201D - Conduct Local Risk Control**

**MSAPMOHS216A - Operate breathing apparatus**

**MSAPMOHS217A - Gas Test Atmospheres**

**Resuscitation (CPR) Certificate**

**Sydney Water Procedure HSPOO1**

**alliance**

allgeo.com.au 1800 288 188



## EXPERIENCE

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### **DIONA PTY LTD | NSW ROADS & MARITIME SERVICES | HW 13 CUMBERLAND HIGHWAY MERRYLANDS NSW**

- Brett coordinated and managed the pavement material and thermal resistivity testing to NSW RMS Test Methods and Specifications for the upgrade of the Cumberland Highway and Merrylands Road at Merrylands West.

### **DIONA PTY LTD | SYDNEY WATER | CENTRAL PRECINCT SEWERAGE PUMP STATION 1157 ST MARYS NSW**

- Brett coordinated and managed the laboratory and field testing for the construction of this Sydney Water pump station to Sydney Water specifications and Australian Standard test methods. The pump station formed part of the Lower South Creek Treatment Plant.

### **ROBERT CARR & ASSOCIATES | AUSGRID | 132KV FEEDER - KINGSFORD/CLOVELLY NSW**

- Brett coordinated and managed the laboratory and field testing for the construction of this Sydney Water pump station to Sydney Water specifications and Australian Standard test methods. The pump station formed part of the Lower South Creek Treatment Plant.

### **AUSGRID | 33KV FEEDER | CAMELLIA NSW**

- Ausgrid installed a 33kV underground transmission infrastructure from Endeavour Energy's Camellia Zone substation to Ausgrid's Auburn Zone substation. Works included conduit installation, joint bay construction, 33kV multicore cable and fibre installation. The project's challenges included constructing the 4-kilometre trench and joint bays within contaminated ground, over bridges and in designated cycleways. A major achievement on this project was hauling the longest length of 33kV 3 core, 630mm<sup>2</sup> cable in Australia. AG carried out an investigation and thermal resistivity testing to determine the thermal properties of the in-situ soils. Brett coordinated and managed the investigation and thermal resistivity testing to Ausgrid Specifications and Australian Standard and ASTM Test Methods.

### **CPB CONTRACTORS, DRAGOS AND SAMSUNG C & T JOINT VENTURE | WEST CONNEX NEW M5 | ST PETERS INTERCHANGE NSW**

- Ausgrid upgraded the existing 33kV underground transmission infrastructure located on Gardeners Road and Bourke Road Alexandria. AG carried out an investigation and thermal resistivity testing to determine the thermal properties of the in-situ soils. Brett coordinated and managed the investigation and thermal resistivity testing to Ausgrid Specifications and Australian Standard and ASTM Test Methods.

### **DIONA PTY LTD | AUSGRID | EASTERN CBD CABLE PROJECT SYDNEY CBD**

- Ausgrid retired the CBD City East Substation and to maintain the safe and reliable electricity supply to Sydney's CBD and surrounding suburbs the electricity the CBD East substation supplied was transferred to the existing Belmore Park substation. To do this the project required the installation of new 11,000-volt underground cables. AG carried out an investigation and thermal resistivity testing to determine the thermal properties of the in-situ soils. Brett coordinated and managed the investigation and thermal resistivity testing to Ausgrid Specifications and Australian Standard and ASTM Test Methods.



## EXPERIENCE

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### **DIONA PTY LTD | SYDNEY WATER | NORTH WEST GROWTH CENTRE (NWGC) SCHOFIELDS NSW**

- Brett coordinated and managed the laboratory and field testing for the construction of NWGC pipeline works which included 3 Sewerage Carrier Mains and 2 Sewer Pressure Mains. This testing was carried out to Sydney Water specifications and Australian Standard test methods.

### **DIONA PTY LTD FOR SYDNEY WATER | WESTERN SEWERAGE LEAD IN & NORTHERN SEWERAGE LEAD | MARSDEN PARK NSW**

- Brett coordinated and managed the laboratory and field testing for the construction of 2 Sewerage Lead in Carrier Mains to Sydney Water specifications and Australian Standard test methods.