

## JUTHAMARD MHARDSEN



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55/78, Phoem Sin Road, Saimai District Bangkok 10220 THAILAND

### PERSONAL INFORMATION:

Date of birth: 25 November 1988      Age: 30 years  
Weight / Height: 56 kg. / 163 cm.      Gender: Female  
Religion: Buddhism      Nationality / Race: Thai / Thai

### QUALIFICATIONS:

- Experiences in geophysical industry
- Experiences in data acquisition, preliminary checking data
- Experiences in Geophysical equipment (GDD, IRIS, Geomative, Scintrex, Zonge, GEM etc.)
- Experiences in Downhole equipment (Mount Sopris, ALT, Reflex etc.)
- Processing and modeling in Resistivity, IP, EM, Magnetic, Radiometric
- Supervising and conducting field operation
- Hard-working and prefer to work as team
- Promoting the organization and products
- Attend conferences as directed by Management and Represent Company
- Basic demonstration geophysical equipment and training team

### EDUCATION:

2012 Bachelor Degree in Earth Science, Kasetsart University, Bangkok, Thailand.  
**Senior Project:** The Application of Magnetic and Electromagnetic Measurement for Cavity at Limestone Mine of SCG Cement Co. Ltd., Saraburi Province.

### INTERNSHIP:

2010 Padaeng Industry Public Company, Maesod district, Tak Province

### WORK EXPERIENCE:

#### **2017 - Present: Senior Geophysicist at Austhai Geophysical Consultants (Thailand) Co, Ltd.**

- **Downhole Logging: Density, Natural Gamma, Resistivity, Full wave Sonic:**  
Coal exploration, Young Investment Group at Kale city, Myanmar
- **Resistivity survey:**  
Ground water exploration, Base Resource at Toliara city, Madagascar
- **2D IP Pole-Dipole survey:**  
Wuntho Resources Company at Mandalay, Myanmar
- **Magnetic, IP, Frequency Domain EM:**  
Basic training and demonstration geophysical equipment at Mandalay city, Myanmar
- **Magnetic and Frequency Time Domain Electromagnetic survey:**  
Supervising and training crew, Asia pacific mining limited at Namtu city, Myanmar
- **Downhole Logging: Acoustic Televiewer:**  
For Geotechnical and hydrological, Silangang mining at Surigao city, Philippines
- **Cross hole seismic:**  
For Geotechnical exploration, Mass rapid transit authority at Bangkok city, Thailand
- **Core IP testing:**  
Gold exploration, Pan Asia Metals at Nakhon Si Thammarat city, Thailand
- **Downhole Logging: Gamma, Resistivity, Caliper:**  
Ground water exploration, Silangang mining at Surigao city, Philippines
- **2D, 3D IP Pole-Dipole survey:**  
Gold exploration, Angkor Gold Company at Banlung city, Cambodia

- **Downhole IP Logging, Core IP testing:**  
Gold exploration, Angkor Gold Company at Banlung city, Cambodia
- **Seismic MASW survey:**  
Bulk Water Geotechnical exploration, GHD Company at Davao city, Philippines
- **Core IP testing:**  
Gold Exploration, Win Myint Mo Industries Company at Banwind city, Myanmar

**2012 – 2016: Geophysicist at Austhai Geophysical Consultants (Thailand) Co, Ltd.**

- **Seismic reflection survey:**  
Mae Ngad - Mae Kuang Diversion Tunnel, Unique Corporation Company at Chiang Mai, Thailand
- **Seismic refraction survey:**  
Cavity exploration at Calumba city, Philippines
- **2D, 3D IP Pole-Dipole survey:**  
Copper exploration, Geopacific Company at Cambodia
- **Radial IP:**  
Copper exploration, Geopacific Company at Cambodia
- **2D IP Dipole-dipole survey:**  
Gold exploration, Vale Company at Iloilo city, Philippines
- **Gradient IP survey:**  
Copper exploration, Geopacific Company at Cambodia
- **XRF survey:**  
Copper exploration, TQGL Company at Davao city, Philippines
- **Tree Teak Audit:**  
Tree teak Mapping, Asia Teak at Phicit and Suphanburi province, Thailand
- **Gravity/ Magnetic survey:**  
Barite exploration at Surathani, Thailand
- **Seismic Reflection survey:**  
Coal exploration, Sakari Resources Limited at Anlong Vaeng city, Cambodia
- **XRF survey:**  
Copper exploration, Asia Resource Development at Kaolin city, Myanmar
- **2D, 3D IP Pole-Dipole survey:**  
Gold exploration at Trenggalek city, Indonesia
- **Tree Teak:**  
Tree Mapping, Asia Teak at Sri Lanka

**2011 - 2012: Research Assistant at Department of Earth Science, Kasetsart University**

- **Seismic Refraction / 2D Resistivity dipole-dipole survey:**  
Determination of Subsurface Geological Structure for Foundation Sustainable Energy of PTT Co. Ltd., at Suratthani, Thailand
- **2D Resistivity Wenner-Schlumberger survey:**  
Ground Water Investigation for Groundwater Resources at Chonburi, Thailand
- **2D Resistivity Dipole-Dipole survey:**  
Geological Structure for SCG Cement Co. Ltd., at Lampang and Lumphun, Thailand
- **Geology survey:**  
Geological mapping at BanRai District, Uthaitхани Province, Thailand
- **Resistivity/Hydrogeology:**  
Geological Structure for SCG Cement Co. Ltd., at Nakornsrihammarat Province
- **GPR/Magnetic/EM survey:**  
Sinkhole Exploration for SCG Cement Co. Ltd, Saraburi Province, Thailand
- **2D Resistivity survey:**  
Gypsum Exploration for SCG Cement Co. Ltd., at Phichit Province, Thailand

## ACTIVITY:

### CONFERENCE:

- **Australasian Exploration Geoscience Conference & Exhibition 2019** at Perth, Australia
- **The Future Energy Show Thailand 2019** at Bangkok, Thailand
- **Thailand Marine & Offshore Expo and Oil and Gas Thailand 2019** at Bangkok, Thailand
- **Mining Philippines International Conference and Exhibition 2019** at Manila, Philippines
- **EAGE-GSM 2nd Asia Pacific Meeting on Near Surface Geoscience & Engineering** at Kuala Lumpur, Malaysia
- **8<sup>th</sup> International Conference on Applied Geophysics 2018** at Songkhla, Thailand
- **Mining Philippines 2018 International Conference** at Manila, Philippines
- **25<sup>th</sup> International Geophysical Conference & Exhibition 2016** at Adelaide, Australia
- **Myanmar Mining Development Summit 2016** at Yangon, Myanmar
- **The 7<sup>th</sup> International Conference on Applied Geophysics 2016** at Bangkok, Thailand
- **Mining Philippines International Conference and Exhibition 2014** at Manila, Philippines

### WORKSHOP AND ACTIVITY:

- **Seismic System testing** by Hefei Guowei Electronics Co., Ltd. from 26<sup>th</sup> to 30<sup>th</sup> November 2017 at Hefei city, China
- **EM Processing and QC Workshop** by David Johnson from 17<sup>th</sup> to 18<sup>th</sup> January 2017 at Bangkok, Thailand
- **Downhole - gamma probe training** by Reflex company on 10<sup>th</sup> January 2017 at Manila, Philippines
- **Special Lecture Course on Mineral Geophysics** by Prof. Michael Dentith, in University of Yangon from 1<sup>st</sup> to 5<sup>th</sup> August 2016 at Yangon, Myanmar
- **IP processing and QC - from amps in the ground to an Inversion input** on 20<sup>th</sup> August 2016 at Adelaide, Australia
- **Near Surface Passive Seismic surveying for mineral exploration, environmental and Engineering Application** on 21<sup>st</sup> August 2016 at Adelaide, Australia

### MEMBER:

- Australian Society of Exploration Geophysicists

## SKILLS:

- **Languages:** Thai, English, Laos, Khmer (beginning)
- **Software:** TQIPdb, WinDisp, Res2D, ProsysII, Winsev, Winsism, Well CAD, RADAN, Oasis Montaj(Geosoft), Mapinfo, Surfer, Seismodule Controller, Pickwin, Agen99, ExpertGPS, Magmap2000, Wellcad
- **Certifications:** Driver license, First Aid Training

## REFERENCE:

**Mr. Gerard McNeill:** Managing Director Austhai Geophysical Consultants Limited  
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