

# Siguit, Jonathan Aresgado

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**Objective:** To be employed in a progressive and innovative work environment that will fully utilize my current skills with opportunities for advancement.

## Employment History:

### ***RMM GEOTECHNICAL SERVICES and Construction Material Testing Laboratory***

Pulong Buhangin Sta. Maria, Bulacan Philippines

Feb. 05, 2022-Present

Laboratory Head

### **Job Description, Duties and Responsibilities:**

- Manage on a day-to-day basis the laboratory and implement any related instructions to ensure that all staff follow the necessary procedures
- Conduct routine geotechnical/construction materials testing laboratory and field assignments including soils, concrete, and masonry laboratory test performance
- Calibrate and maintain the laboratory equipment
- Keep the laboratory organized and in compliance with Quality Assurance and Quality Control initiatives, DPWH-BRS accreditation requirements
- Perform calculations and data collection of test results and other administrative duties as appropriate.
- Conduct both field testing services and laboratory testing
- Conduct technical trouble shooting of field and laboratory testing
- Recruit, train and conduct performance reviews
- Network with clients such as contractors
- Provide cost proposals for clients pertaining to construction materials testing
- Provide sales monthly reports and laboratory activities to the owner and accounting department as well as expenses and replenishment
- Liaise directly with the Group's clients via email to assist with queries, providing fast, accurate and thorough responses using pre-approved templates, including handling urgent emails from the Group's clients and suppliers
- Purchase chemicals and new equipment and for the Laboratory.
- Wear personal protective equipment when working in hazardous areas, and/or as required. Inspect all equipment prior to use

### **List of Test Performing:**

- **Testing on Soil and Soil Aggregates**  
Grading, Wash loss, Liquid/Plastic limit & Plasticity Index, Moisture content, Lab Compaction (MDR), California Bearing Ratio (CBR), Specific Gravity, Soundness, Unit weight, Aggregate Crushing Value, Los Angeles Abrasion, Field Density Test (Sand Cone Method)
- **Testing on Coarse Aggregates**  
Grading, Wash loss, Moisture content, Specific Gravity Absorption, Unit Weight, Soundness, Clay Lumps, Los Angeles Abrasion, Flat & Elongated Particles, Flakiness Index, Shell Content, Aggregates Crushing Value, Ten Percent Fine Value
- **Testing on Fine Aggregates**  
Grading, Wash Loss, Moisture Content, Specific Gravity Absorption, Unit Weight, Soundness, Clay Lumps, Finess Modulus, Sand Equivalent

- **Testing on Concrete**  
Compressive/Flexural Strength, Slump Test and Air Content/Unit weight of Fresh Concrete, Rebound Hammer, Coring for Thickness Determinations and Strength Determination of Hardened Concrete, Sampling of Fresh and Hardened Concrete
- **Testing on Asphalt Mix**  
Coring for Thickness Determination of asphalt pavement & Bulk Specific Gravity

***First Quantum Minerals Ltd. (Cobre Panama Project Panama)***

Employed thru Interasia Outsource Inc. Makati City, Philippines

March 16,2014-Nov. 29,2020

Senior Laboratory Technician - Laboratory Supervisor (Lvl. 3)

**Job Description, Duties and Responsibilities:**

- Primarily carried out testing and supervision needed in concrete lab and mainly in soil, required in project from port construction, powerplant and **dams and tailings storage facilities, daily testing activities must be reported directly to the projects senior geotechnical engineer**
- Input document data into the standard registers ensuring that the information is accurate and up to date
- Additional task was the training of locals as lab assistant and technicians, arranged schedule and its deployment of teams of technician in site, daily and weekly activities report basically results and status of samples receives from site, prepared list of new equipment and other consumables at the lab such as chemicals etc., conduct annual inventory for labs equipment, conduct lab staff's evaluation and assessment, ensure safety of lab staff during working hours either in lab or site

**List of Testing Performed:**

- **Testing on Soil, Soil Aggregates and Tailings Materials**  
Sampling for Quality Monitoring and Approval of borrow pits as fill material sources  
Grading and Hydrometer Test, Wash Loss, Liquid/Plastic Limit & Plasticity Index, Moisture Content, Lab Compaction (MDR, California Bearing Ratio (CBR), Specific Gravity, Soundness, Unit Weight, Aggregate Crushing Value, Los Angeles Abrasion  
Consolidated and Unconsolidated Undrained Triaxial Compression Test for Cohesive Soils, Shear Vane Test, Dynamic Cone Penetrometer Test, Double Ring Infiltrometer Test, Field Density Test (Sand Cone, Water Replacement, EDG, NDG method), Deflectometer Test, Permeability Test of Granular Soil (Constant Head)
- **Testing on Coarse Aggregates**  
Grading, Wash Loss, Moisture Content, Specific Gravity Absorption, Unit Weight, Soundness, Clay Lumps, Los Angeles Abrasion, Flat & Elongated Particles, Flakiness Index, Shell Content, Shape Index, Aggregates Impact Value, Aggregates Crushing Value, Ten Percent Fine Value
- **Testing on Fine Aggregates**  
Grading, Wash Loss, Moisture Content, Specific Gravity Absorption, Unit Weight, Soundness, Clay Lumps, Finess Modulus, Sand Equivalent
- **Testing on Concrete**  
Compressive/Flexural Strength, Slump Test and Air content/Unit Weight of Fresh Concrete, Rebound Hammer, Coring for Thickness Determinations and Strength Determination of Hardened Concrete, Sampling of Fresh and Hardened Concrete
- **Sand Cyclone Plant and Dam Equipment and Instrumentation**  
Sampling of Tailings Materials (underflow and overflow) for Sand and Material Passing No.200 Determination and Specific Gravity both in Sand Cyclone Plant and in-situ during the discharging of underflow sand in each cell construction in the dam,  
Installation of Piezometer, Inclinator as well as weekly monitoring and data logging & gathering

***First Quantum Minerals Ltd. (Kalumbila Minerals Ltd. Zambia, Africa)***

Employed thru Interasia Outsource Inc. Makati City, Philippines

Nov. 30,2012-Feb. 10,2014

Geotechnical Soil Laboratory Technician

**Job Description, Duties and Responsibilities:**

- Conduct soil testing and ensure quality of the materials use for massive earthworks from the Mine Plant to 3 Major Dam such as Muzangeshi Coffe Dam, Tailing Storage Facility and Chisola Dam that serve as water supply for the mine plant consumption
- Lead the team of technician for the excavation of borrow pits (Laterite soil) as a fill material preferred in site, sampling and quality testing upon approval of Geotechnical Engr.
- Update all soil laboratory equipment calibration
- Yearly inventory of lab equipment
- Prepare, record and update all soil testing report, results will immediately turn over to Geotechnical Engr for further analysis and approval
- Input document data into the standard registers ensuring that the information is accurate and up to date
- Maintain updated records of all approved soil samples for site engineers in-charge on the field and technicians
- Maintain the files and control logs as required by the project.

**List of Testing Performed:**

- **Testing on Soil and Soil Aggregates**  
Grading and Hydrometer Test, Wash loss, Liquid/Plastic limit & Plasticity Index, Moisture Content, Lab Compaction (MDR), California Bearing Ratio (CBR), Specific Gravity, Soundness, Unit weight, Aggregate Crushing Value, Los Angeles Abrasion  
Dynamic Cone Penetrometer Test, Field Density Test (Sand Cone Method), Permeability Test of Granular Soil (Constant Head)

***Saudi Pan Kingdom (SAPAC, Saudi Arabia)***

Employed thru Blazing International Manpower Srvcs Makati City, Philippines

July 21,2010-Aug. 01,2012

Laboratory Technician

**Job Description, Duties and Responsibilities:**

- Performed Soil, Concrete and Asphalt lab and site testing, assigned in Al Jahara Dualization Project, Madinah K.S.A (Roads and Highways and Al Hofuf - Al Mubarraz Interchange Bridge Project (Infrastructure/Road)
- Preparation of test results and reports
- Yearly inventory and calibration of lab equipment

**List of Testing Performed:**

- **Testing on Soil, Soil Aggregates and Tailings Materials**  
Grading and Hydrometer Test, Wash Loss, Liquid/Plastic Limit & Plasticity Index, Moisture Content, Lab Compaction (MDR), California Bearing Ratio (CBR), Specific Gravity, Soundness, Unit Weight, Aggregate Crushing Value, Los Angeles Abrasion
- **Testing on Coarse Aggregates**  
Grading, Wash loss, Moisture Content, Specific Gravity Absorption, Unit weight, Soundness, Clay Lumps, Los Angeles abrasion, Flat & Elongated Particles, Flakiness Index, Shell Content, Shape Index, Aggregates Impact Value, Aggregates Crushing Value, Ten Percent Fine Value
- **Testing on Fine Aggregates**  
Grading, Wash loss, Moisture content, Specific Gravity Absorption, Unit Weight, Soundness, Clay lumps, Finess Modulus, Sand Equivalent
- **Testing on Concrete**  
Compressive/Flexural Strength, Slump Test and Air content/Unit Weight of Fresh Concrete, Rebound Hammer, Coring for Thickness Determinations and Strength Determination of Hardened Concrete, Sampling of Fresh and Hardened Concrete

### **Testing on Asphalt Mix**

- Coring for Thickness Determination of Asphalt Pavement & Bulk Specific Gravity, Sieve Analysis and Extraction of Asphalt Binder from Asphalt Mixture, Marshall Stability Test

### ***Terms Concrete Testing Center Inc.***

Aguinaldo Highway Salitran Dasmariñas, Cavite

Aug. 25, 2009-July 10, 2010

Laboratory Technician

### **Job Description, Duties and Responsibilities:**

- A civil engineering material/laboratory technician carries out a wide range of sampling and testing of civil construction materials both in the laboratory and in the field.
- In-house field technician (quality test and field density test sand cone method) in **Eton City Sta. Rosa, Laguna** and **Hamilo Coast Nasugbu, Batangas Philippines**

### **List of Testing Performed:**

- **Testing on Soil, Soil Aggregates and Tailings Materials**  
Grading and Hydrometer Test, Wash Loss, Liquid/Plastic Limit & Plasticity Index, Moisture Content, Lab Compaction (MDR), California Bearing Ratio (CBR), Specific Gravity, Soundness, Unit weight, Aggregate Crushing Value, Los Angeles Abrasion
- **Testing on Coarse Aggregates**  
Grading, Wash Loss, Moisture content, Specific Gravity Absorption, Unit weight, Soundness, Clay lumps, Fractured face and Los Angeles abrasion, Flat & Elongated Particles, Flakiness Index, Shell Content, Shape Index, Aggregates Impact Value, Aggregates Crushing Value, Ten Percent Fine Value
- **Testing on Fine Aggregates**  
Grading, Wash Loss, Moisture Content, Specific Gravity Absorption, Unit Weight, Soundness, Clay Lumps, Fines Modulus, Sand Equivalent

### ***Bodycote Material Testing Group***

P.O Box 9191 Abu Dhabi United Arab Emirates

Feb. 10, 2008-Aug. 19, 2009

Laboratory Technician

### **Job Description, Duties and Responsibilities:**

- A civil engineering material/laboratory technician carries out a wide range of sampling and testing of civil construction materials both in the laboratory and in the field.
- Performed Soil and Concrete lab and site testing, assigned in laboratory located **Dubai Festival City** and in-house lab technician in **Masdar Institute of Science and Technology**

### **List of Testing Performed:**

- **Testing on Soil, Soil Aggregates and Tailings Materials**  
Grading and Hydrometer Test, Wash Loss, Liquid/Plastic Limit & Plasticity Index, Moisture Content, Lab Compaction (MDR), Field Density Test (Sand Cone Method), California Bearing Ratio (CBR), Specific Gravity, Soundness, Unit weight, Aggregate Crushing Value, Los Angeles Abrasion
- **Testing on Coarse Aggregates**  
Grading, Wash Loss, Moisture content, Specific Gravity Absorption, Unit weight, Soundness, Clay Lumps, Los Angeles Abrasion, Flat & Elongated Particles, Flakiness Index, Shell Content, Shape Index, Aggregates Impact Value, Aggregates Crushing Value, Ten Percent Fine Value
- **Testing on Fine Aggregates**  
Grading, Wash Loss, Moisture Content, Specific Gravity Absorption, Unit Weight, Soundness, Clay Lumps, Fines Modulus, Sand Equivalent

- **Testing on Concrete**

Compressive/Flexural Strength, Slump Test and Air Content/Unit Weight of Fresh Concrete, Rebound Hammer, Coring for Thickness Determinations and Strength Determination of Hardened Concrete, Sampling of Fresh and Hardened Concrete

***Terms Concrete Testing Center Inc.***

Aguinaldo Highway Salitran Dasmariñas, Cavite  
Feb. 02,2006-Feb. 06,2007  
Laboratory Technician

**Job Description, Duties and Responsibilities:**

- A civil engineering material/laboratory technician carries out a wide range of sampling and testing of civil construction materials both in the laboratory and in the field.
- In-house field technician (quality test and field density test sand cone method) in **Light Industry and Science Park Calamba, Laguna** and **Camella Provence Malolos, Bulacan**

**List of Testing Performed:**

- **Testing on Soil, Soil Aggregates and Tailings Materials**  
Grading and Hydrometer Test, Wash loss, Liquid/Plastic limit & Plasticity Index, Moisture Content, Lab Compaction (MDR), California Bearing Ratio (CBR), Specific Gravity, Soundness, Unit weight, Aggregate Crushing Value, Los Angeles Abrasion, Field Density Test (Sand Cone Method)

**Seminar and Training Attended:**

**BASIC ASPHALT TECHNOLOGY**

Integrated Research and Training Center  
Technological University of the Philippines  
Metro Manila, Philippines  
Sept. 25-29,2006

**BASIC LABORATORY SOIL TESTING**

Integrated Research and Training Center  
Technological University of the Philippines  
Metro Manila, Philippines  
Oct. 02-06,2006

**CONCRETE and CONCRETE MATERIAL TESTING**

Integrated Research and Training Center  
Technological University of the Philippines  
Metro Manila, Philippines  
Oct. 9-13,2006

**On the Job Training**

Terms Concrete Testing Center Inc.  
Dasmariñas, Cavite Philippines  
Oct. 27,2006-Jan.31,2007

**WRITTEN AND PRACTICAL ASSESSMENT OF “WORKING SAFELY”**

International Organization for Safety and Health  
Bodycote Testing Group Middle East  
Dubai United Arab Emirates  
Feb. 28,2008

### **Summary of Skills/Qualifications:**

- With knowledge of standard specifications (ASTM, AASTHO, BS)
- Ability to work in a team-oriented environment.
- Strong problem solving abilities.
- Ability to keep clear and accurate record and reports.
- Ability to use computer and input data and retrieve records and information in timely manner.
- Ability to organize work load and to manage a filling methods and managements techniques.
- Exceptional customer service and oral and written communication skills

### **Educational Attainment:**

#### **Tertiary**

#### **CIVIL ENGINEERING TECHNOLOGY (Graduate)**

Technological University of the Philippines at Cavite  
C.Q.T Avenue Salawag Dasmarinas, Cavite Philippines  
March 28, 2007

#### **Secondary**

**Antipolo National High School**  
Antipolo City, Rizal Philippines  
April 2002

### **Personal Information:**

Age: 37  
Date of Birth: June 17, 1985  
Place of Birth: San Francisco, Aurora Quezon, Philippines  
Citizenship: Filipino  
Sex: Male

Heights: 5'2"  
Weight: 103 lbs.  
Religion: Catholic  
Civil Status: Married

### **Character References:**

#### **Engr. King L. Sampaco**

Jacobs Engineering Groups Inc. Panama Canal Panama City  
Deputy Program Manager & Principal Geotechnical Eng'g Expert  
[www.facebook.com/king.sampaco](http://www.facebook.com/king.sampaco)

#### **Engr. Francis Monreal**

First Quantum Minerals Ltd. Cobre Panama Project  
Senior Construction Planner  
[www.facebook.com/francis.monreal](http://www.facebook.com/francis.monreal)

#### **Engr. Fabien Rasselet**

Klohn Crippen Berger Papua New Guinea  
Senior Geotechnical Geologist  
[www.facebook.com/fabien.rasselet](http://www.facebook.com/fabien.rasselet)

#### **Andrew Delas Alas**

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I hereby that above information is true and correct.

  
**JONATHAN A. SIGUIT**  
Applicant