

NCHIMENYI SOBSE

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EDUCATION

WROCLAW UNIVERSITY OF SCIENCE AND TECHNOLOGY

[2024 – present]

MSc. Mining geology

THE UNIVERSITY OF BAMENDA, BAMBILI, (Uba) NW CAMEROON

[2018 – 2020]

MSc. in Geoscience

Thesis: Ore-microscopy and Geochemical Characterisation of Magnetite Garnet Gneisses, Mimbamla Area, Paleoproterozoic Nyong Unit, Southern Cameroon.

Advisor: Prof. Cheo Emmanuel Suh

THE UNIVERSITY OF BAMENDA, BAMBILI, (Uba) NW CAMEROON

[2014 – 2017]

BSc. in Geology

Thesis: Environmental Effects of the Use of Agrochemicals in Rice Farms in Ndop, Ngoketunjia County, NW Cameroon.

Advisor: Dr. Fagny Mefiri Aminatou

RESEARCH EXPERIENCE

Graduate Research Program, Department Geology, The University of Bamenda, NW Cameroon.

Prof. Cheo Emmanuel Suh Laboratory

Projects: Masters Degree Thesis, Ore microscopy and Geochemical Characterization of Enigmatic Magnetite from The Ngovayang Ridge, Proterozoic Unit of Southern Cameroon.

- Petrographic study on microscope
- Studying Exsolutions of ilmenite in isolated and subhedral magnetite grains
- Geochemical Data interpretations on magnetite cores and Surface samples
- LA-ICPMS data interpretation for isolated and subhedral Magnetite grains.

Undergraduate Research: Department Geology, The University of Bamenda, NW Cameroon.

Geology Laboratory

Project: Environmental Effects of the Use of Agrochemicals in Rice Farms, Ndop County.

Mentor: Dr. Fagny Mefiri Aminatou

- Investigating the increase in cases of irresponsible use of agrochemicals in rice farms.
- Interviewed over fifty (50) individuals from 04 different Common initiative Farming Groups in Ndop.
- Divided the individuals in different age and literacy groups.
- Assessed the knowledge of individual groups on the safe use of agrochemicals.
- Collected information about water related problems which could be as a result of misuse of agrochemicals.
- Sensitized the population on safe and accurate use
- Analysed and interpreted all data collected.
- Reported this data in the form of an undergraduate thesis to the department and the Ministry of environment and protection of nature.

Undergraduate Research Student: Small Scale Mining Support and Promotion Framework (**CAPAM**), Yaounde, Cameroon.

Supervisor: Mr. Faloh Ghondi Alfred

Project: Assessing Production Capacity of Semi Mechanised Artisanal Mining Unit, a case of Batouri Kambele Mining Brigade, East Region of Cameroon.

- Studied the digital elevation models and hydrographic network of the area of interest
- Carried out gold prospection on the field.
- Prepared samples for analysis.
- Made cost arrangements for logistics needed for the project.
- Registered and reported daily recovered grams of gold.
- Calculated percentages to be submitted to government in the form of tax.
- Analysed and interpreted all data obtained for three months and wrote a report.

PUBLICATIONS

- Ndema Mbongue Jean-Lavenir, Peter Namange, Ngoran Gilles, Bafon Godlove, Nchimenyi Sobse, Median Yongye, Moundignigni Amad Badawi. Petrogenesis of the Bateka Iron Prospect (Lower Dja Series, Proterozoic Cover of the Congo Craton - Cameroon). *Frontiers*. Vol. 2, No. 3, 2022, pp. 124-142. doi: 10.11648/j.frontiers.20220203.

❖ Department of Geology (Submitted and Approved)

- N. Sobse. Cheo Suh E. Chombong N. Ndimeh (2020). Ore microscopy and Geochemical Characterisation of Magnetite Garnet Gneisses, Mimbamla area, Paleoproterozoic Nyong Unit, Southern Cameroon. A Msc Project Submitted to the Department of Geology, University of Bamenda.
- N. Sobse, Fagny A. (2017) The Effects of Agrochemicals in Rice Farms Ndop (Ngoketunjia County), NW Cameroon. Undergraduate Thesis submitted to the Department of Geology, University of Bamenda.
- **CAPAM, Yaounde**
- N. Sobse. Faloh Ghondi A. (2018). Gold Grade and Daily Production Capacity of a Semi Mechanised Artisanal Mining Unit, Batouri-Kambeke Mining Brigade, East Region of Cameroon. Report submitted to Independent Body at the ministry of mines controlling artisanal mining.

PROFESSIONAL & WORK EXPERIENCE

❖ Geologist, Cameroon Mining Action (CAMINA S.A.), Part of Jindal Africa BP 33057 Yaoundé/Cameroon. (January 2023 – February 2024)

- Detailed geological mapping, prepare geological maps and develop cross sections.
- Drill rig supervision
- Pitting and trenching
- Participate in planning and location of drill pads
- Logging and sampling of diamond drill cores
- Write weekly reports on performed task

❖ Geologist, Explorers 33 Consulting, Yaounde, Cameroon, (April 2020 – November 2022)

- Generating projects on Rutile, Gold, Ni/Co and Zircon for ERAMET
- Reconnaissance Mapping for target generation.
- Supervising students on Internship and coordinating public Relations.
- Prepare geological maps and Writing semester reports to be submitted at the Ministry of mines.
- Panning and sampling of stream sediments for alluvial gold and heavy mineral Sands.
- Pitting and trenching
- Logging and sampling of pits and Auger drills
- Write daily field reports on performed task

❖ Graduate Geologist, Jindal Africa, (March-April 2020)

- Mapping of Magnetite garnet gneiss outcrops,
- Logging and characterization of Magnetite garnet gneiss cores.
- Completed a Masters of Science Thesis Submitted to the Department of Geology Mining and Environmental Science.

TEACHING EXPERIENCE

❖ Government High School (GHS) Baba 1-Ndop, NW Cameroon (2013-2015)

Teaching Assistant

- Teach Senior Secondary Students Geology, and Chemistry for GCE Advance-Level.
- Marking and grading of test and exam scripts.

❖ The University of Bamenda, NW Cameroon. (2017-2019)

Onsite and online Tutor for Undergraduate Revision Classes:

- Carrying out Revision Classes for Crystallography, Mineral Chemistry, and geology of mineral Deposits.
- Invigilate examinations.

PROFESSIONAL MEMBERSHIP

Society For Geology Related to Mineral Deposits (SGA) Cameroon Students Chapter
International Association for the Promotion of Geoethics (IAPG)

Launched Oct 2022
2019-Present

LEADERSHIP EXPERIENCE/COMMUNITY INVOLVMENT

- Field Coordinator and Supervisor, Practical field mapping campaigns for undergraduate students, the university of Bamenda and students on internship at Explorers 33 Consulting.
- Leader/Class Coordinator for three years Undergraduate Studies period in the geology Department at University of Bamenda, (2014-2017).
- Secretary General of Baba 1 Community students Association at the University of Bamenda (2015-2016)

CONFERENCES/SYMPOSIUM/WORKSHOP ATTENDANCE

- Cameroon Geoscience Conference, Yaounde 2020
- Training workshop for ministerial Exploration Report writing, organised by Cameroon's Ministry of Mines, Industry and Technological Development, Yaounde 2022.

ADDITIONAL SKILLS

Good Command of Microsoft Office, GCDkit, Arcmap, SNAP, qgis, Geomatica.

REFERENCES

Cheo Emmanuel Suh (Professor of Economic Geology and Microtectonics): Deputy Vice-Chancellor in charge of Teaching, Professionalization and development of Information and Communication Technologies, University of Bamenda; E-mail: chuhma@yahoo.com, Tel: (+237) 677 29 29 40

Chombong Nelson Ndimenh: Deputy Exploration head-CAMINA SA, Yaounde, Cameroon; E-mail: nelsonndimeh@gmail.com, Tel: (+237) 656 16 26 58