

# Curriculum Vitae

**MOCHAMAD SATYA MUTTAQIEN, S.T.**  
**Mine Geologist**  
**PT. BUMI SUKSESINDO, Banyuwangi, East Java, Indonesia**

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## PERSONAL DETAILS

Place, Date of Birth : Bandung, 25 June 1990  
Gender : Male  
Address : Jl. Riung Endah No. 1 RT/RW 007/010 Kec. Gedebage, Kota Bandung, 40295  
Status : Married  
Nationality : Indonesian  
Religion : Moslem

## SELF RESUME

Geologist with 9+ years of experience in exploration and development mining commodities such as gold, silver, iron ore, bauxite, base metals, and coal. Last 5 years working as a mine geologist at Tujuh Bukit with a gold production target of 110.000 ounces in 2021, using Surpac and Leapfrog software, doing pit mapping, blending ore material, monitoring procedure grade control sampling, ore loading and implement work safety.

## EDUCATIONAL BACKGROUND

Bachelor Degree of Geological Engineering, Padjadjaran University (2008-2013)  
GPA 3.26 of 4

## SKILL AND COMPETENCE

Language : Native in Bahasa, capable in oral and written in English  
Computer Literacy : Microsoft office, Surpac, Minitab, Map Info, Micromine, Global Mapper, Map Source, Dips, Arcgis and Leapfrog  
Certification : **Frontline Mine Supervisor (POP)**  
BNSP-LSP-1406 ID  
B. 05101 3121 4 0004877 2021  
Expired January 2027

Geology :

- Experience with gold exploration programs, at various project stages from regional to mining, in High Sulphidation Epithermal system.
- Familiar with regional gold exploration program including stream sediment, regional mapping, detail mapping, soil sampling, and channel sampling.
- Familiar with exploration drilling program using Diamond Drilling and infill drilling program using RC Drilling including planning, core geology logging, cutting geology logging, core orientation, interpretation alteration and mineralization models.
- Experience with grade control program, managing grade control drilling and supervising ore movement.
- Have a board of technical geology understanding in basic of alteration and mineralization, pit floor mapping, bench wall mapping, and geological structure.

## WORK EXPERIENCE

**Company** : PT BUMI SUKSESINDO  
**Position** : **Mine Geologist (January 2020 – Present)**

- Making geology and alteration map.
- Supervising and reporting daily ore / waste movement.

- Block modelling ore and waste implementation.
- Monitoring grade control drilling and procedure of drill and blast sampling.
- Making detailed geological map from pit floor mapping method, especially alteration, mineralization, hardness, and mine units for block model domain.
- Temporary and Final wall geological mapping.
- Monitoring and controlling blending materials in ROMPAD stockpile to OPP crusher.
- Develop and maintain local labour.
- Participate in ore loss and dilution control within the pit mining.

**Period : July 2016 - Present**

**Company : PT BUMI SUKSESINDO**

**Position : Geologist (July 2016 – Desember 2016) – Jr. Mine Geologist (January 2017 – Desember 2019)**

- Infill drilling program using RC Drilling ; core orientation, cutting geology logging, detailed geological mapping around drill pad, interpretation alteration and mineralization models.
- Rock description and Cutting logging (RC sample).
- Supervising drillpad preparation.
- Making geology and alteration map.
- Detail geological mapping (lithology, alteration, and structure), rock chip, channel sampling and soil sampling.
- Regional mapping and detail mapping in Salakan Prospect one of Tujuh Bukit project property.
- Supervising and reporting daily ore / waste movement.
- Monitoring grade control drilling project, control production meters, procedure of drill and blast sampling.

**Period : February 2016 – May 2016 (freelance)**

**Company : Green Nature Success SDN. BHD**

**Position : Project Geologist of Bukit Liang Gold Project on Kelantan, Malaysia**

- Detail geological mapping and soil sampling.
- Review, evaluation, interpretation, and compiling of all exploration data.
- Organizing logistic, mobilization, and develop local labour.
- Review, evaluation, interpretation and compiling of all exploration data (geology fact map, geology interpretation, geochemical assay map, IP chargeability and resistivity anomaly map, and soil geochemistry map) for conduct resources development program include scout drilling.

**Period : 1 May 2015 – 31 May 2015 (freelance)**

**Company : PT. Lampung Sejahtera Bersama**

**Position : Project Geologist of Gold Project on Lampung, Indonesia**

- Detail geological mapping and geochemical sampling.
- Making geology fact map and geology map.

**Period : April 2014 – April 2015**

**Company : PT. Multi GTR Sejahtera**

**Position : Exploration Geologist of Gold Project on Banten, Indonesia**

- Tape and compass river traverse.
- Regional mapping and detail mapping in Kebon Cau Prospect.
- Grid soil sampling.
- Making geology fact map and geology map.
- Detail geological mapping (lithology, alteration, and structure), rock chip, and channel sampling.
- Organizing logistic, mobilization, and develop local labour.
- Manage and process exploration rock sample and assay data.
- Making report and weekly report.

**Period : September 2013 – February 2014**

**Company : PT. Graha Indonesia Energi (freelance)**

**Position : Exploration Geologist of Iron Ore and Gold Project on Malaysia ;  
Exploration Geologist of Gold Project on Central Sulawesi**

- Summary Report of Site Visit to many prospect at Trengganu, Manik Urai, Relai Chiku, Kemahang, and Bukit Sagu. Malaysia.
- Review of all exploration data consist of geology fact map, geology interpretation, geochemical and assay map).
- Making geology fact map and geology map.
- Geological Mapping and Soil Sampling at Buol prospect, Central Sulawesi Province
- Detail geological mapping (lithology, alteration, and structure), rock chip, channel sampling and soil sampling.

**Period : July 2012 – Desember 2012**

**Company : PT. Cibaliung Sumberdaya (Field Study)**

**Position : GDP Geologist of Cibaliung Operation and Exploration on Banten**

- Detail geological mapping (lithology, alteration, and structure), rock chip, channel sampling and soil sampling.
- Conduct core geology, alteration, core orientation, and mineralization logging.
- Taking geology data in the field and underground mining for my thesis.

**Period : April 2012 – June 2012**

**Company : PT. Anugerah Jaya Kharisma (contract of work, before graduated)**

**Position : Jr. Geologist of Coal Project on Muara Teweh Cental Borneo and Long Ikis area, East Borneo**

- Regional Mapping and geochemical sampling.
- Making geology fact map and geology map.

**Period : December 2011**

**Company : PT. Lithoindo (contract of work, before graduated)**

**Position : Jr. Geologist of Coal Project on Lahat, South Sumatra**

- Regional Mapping Regional Mapping and geochemical sampling.
- Detail geological mapping and geochemical sampling.

**Period : August – November 2011**

**Company : PT. ANTAM Tbk. Geomin**

**Position : Jr. Geologist (Field Study) on Mempawah, West Borneo**

- Regional Mapping and geochemical sampling.
- Taking geology data in the field for my research.
- Making geology fact map and geology map.

## INFORMAL EDUCATION

- Oktober 2017 : Participants in 2 days workshop of “Geometallurgy Workshop for Exploration and Mining Industry Professionals”
- Oktober 2017 : Participants in 2 days annual convetion of “Geometallurgy Workshop for Exploration and Mining Industry Professionals”
- September 2019 : Participants in 3 days annual convention of “Unlocking Concealed and Complex Deposits”
- Juni 2020 : Participants in 1 days convetion of “Tektonik Jawa Barat : Implikasinya Terhadap Sumber Daya dan Kebencanaan Geology”
- October 2020 : Participants of “Leapfrog Fundamental Training” by Seequent
- November 2020 : Participants of “Leapfrog Advance Training” by Seequent
- Desember 2022 : Participants in 2 days annual convention “Geoscience & technology based-exploration to mining : promoting value-added creation and contribution for sustainable development”
- Desember 2022 : Participants in 3 days “Fundamental Geostatistic for Mineral Resources Estimation” by PT. LAPI ITB
- Desember 2022 : Participants in 6 days “Leadership Development Program for BSI Supervisors”

## PUBLICATION

- “Selective Mining On Bulk Mining Method For Minimise Dilution and Optimum Recovery : High Sulphidation Epithermal Oxide Ore Of Tujuh Bukit Operation”  
Author : Andi Pahlevi, Krisma Anditya, Arya D.S, Moch. Satya Muttaqien, Rama Maharief, Cicih Larasati, Agus Purwanto.

## REFERENCES

- +62 82116602323 - **Anton Muryanto** (Senior Geologist PT. Indotan Halmahera Bangkit)  
+62 81320322887 - **Priyo Widekso** ( Superintendent Geologist PT. Indo Muro Kencana)  
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+62 8113185164 - **Krisma Anditya** (Senior Mine Geologist PT. Bumi SuksesIndo)  
+62 81389756566 - **Andi Pahlevi** (Senior Mine Geologist PT. Bumi SuksesIndo)