

Mamisoa RAZANADRAIBE

GEOLOGIST ENGINEER

Married

Born on 30/08/79 à VATOMANDRY

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- ✓ Geologist, Engineer, having some experiences in mining exploitation and exploration in projects and Strangers Company.
- ✓ Excellent ability in team work, having the rigor and sense of responsibility.
- ✓ Adore the satisfying environments and the deadlines to be respected.

DIPLOMAS AND ACADEMIC FORMATIONS

2005: GEOLOGY ENGINEERING -POLYTECHNIC HIGH SCHOOL - UNIVERSITY OF ANTANANARIVO.

2002: LICENSE IN EARTH SCIENCES -FACULTY OF SCIENCES -UNIVERSITY OF ANTANANARIVO.

1999: BACC: D set

PRACTICUM AND FORMATIONS

- November 2004 - February 2005: Practicum on the graphite extraction in the open cast mining at the society "ETABLISSEMENT GALLOIS" Marovintsy Vatomandry.
- February 2004 - April 2004: Practicum on the remote detection with the software" ENVI 4.2 "at the Institute and Observatory of the Geophysics in (IOGA).
- April 2005 - June 2005: GIS practicum with "Map Info 6 .5" to the Geological Service at the Energy and Mine service Antananarivo.
- May 2005: publication of memory topic within the" Program of Governance of the Mineral Resources (PGRM) ": revision of the geological map of the Andriba Maevatanana region within GIS tools and Remote detection.
- February 2007: ARCGIS-GEOSOFT software training.
- 2013: " Down hole Survey" training within the company "REFLEX" with practice of " GYRO TOOL ", ACT 3".
- 2013: First aid training with « CROIX ROUGE MALAGASY ».

PROFESSIONAL EXPERIENCES

- **2014: ENGINEER GEOLOGIST at Tantalum Rare Earth Madagascar (TRE/AG) :PREPARATION and SETTING UP RARE EARTH PILOT EXTRACTION in AMPASINDAVA Peninsula**
- **March 2012-December 2013: PROJECT GEOLOGIST :UEM (Universal Exploration Madagascar) -Australian Company**
 - Iron Exploration in Mahanoro and Ambodilafa region.
 - Geological, structural mapping, investigating of layers extensions.
 - Detailed geological Prospection, rocks sampling.
 - Rocks Test with the XRF device, magnetic field testing on "MagSus ".
 - Supervision setting up of drilling campaign.
 - Core logging and sampling, QA/QC JORC practices code.
 - Realization geological section for interpretation on" Discover ".
 - Down hole survey with Reflex Gyro Tools, ACT III Supervising.
 - Writing work procedures, contribution to the technical reports.
- **May 2011 - January 2012: EXPLORATION GEOLOGIST at TREM-TRE/AG(Tantalum Rare Earth Malagasy)**
 - Exploration of the Rare Earths elements in the Ampasindava Peninsula.
 - Leading the campaign of lateritic clay sampling with Hammer portable sounder (Window Sampler) at Betaimboay, Ankobabe, Ambodifinesy and Ankatafa sector.
 - Contribution to the mining exploration camp management; (technical, logistical and financial); reporting the works progress.
 - Supervising Drilling campaign, quick log on drilling site.
 - Hammer Prospecting, soils and rocks sampling.
 - Pitting prospection: measure of the physical parameters, geological description and sampling.
 - Trench prospection: Sampling, description and plotting on sketch.

- **February 2007 - March 2011: EXPLORATION GEOLOGIST at Pan African Mining Madagascar Corp. (PAMM).**

- ❖ **Coal exploration in the Sakoa Basin: (August 2009 - March 2011)**

- Participates to the exploration program plan with the project manager.
- Leading hammer Prospection at Sakoa basin.
- Geological mapping of the different sedimentary series, layers limit investigation, structural elements measurements.
- Supervise coal drilling campaign.
- Core logging.
- Compilation of the drilling data /Data management, data validation, QA/QC.
- Treatment and control of the samples before sending to the laboratory for analysis.
- Treatment of the data on ARCGIS software, GEOSOFT.
- Realization of thematic map showing the distribution of the coal calorific values.

- ❖ **Gold Exploration: (Since February 2007 to July 2009)**

- Promote the GIS department at the gold exploration (With GIS 2D, 3D software).
- Geochemical Sampling in order to define gold anomalous zone of Dabolava Miandrivazo, Belobaka (Tsiroanomandidy) and Analsarotra Antsirabe regions.
- Interpretation of the Geochemical results on Software MapInfo ,Surfer, ArcGis and GEOSOFT
- Geological mapping (limit of contours, contact, and structures of geological formations),
- Checking the geochemical anomalies by hammers prospecting.
- Supervise and scheduling the gold drilling campaign.
- Core Log and core sampling for analysis at the laboratories.
- Promote method of QA/QC of geological data.

• **June 2006 to the February 2007: Responsible of cartography within the Carto SUD project, with the Company German GAF AG.**

- Geological and geochemical mapping in the South and South Eastern part of Madagascar with the German company GAF / AG.
- Leading stream sediment prospection: jiggling, panning.
- Samples preparation, treatment before expedition.
- Observation of heavy minerals, detection by the ultraviolet lens.
- Data compilation QA/QC of the geological and geochemical data.
- Fly camp management (logistical, technical).

COMPUTER EXPERTISES

MICROSOFT OFFICE, ADOBE PHOTOSHOP, STEM, COMMAD, GLOBAL MAPPER, GPS UTILITIES, MAP SOURCE, GPS TRACK MAKER PRO, ENVI 4.2, SURFER 9, MAP INFO 10.5, DISCOVER, ARCGIS 10.1, GEOSOFT Oasis Montaj 7.1-notion on the SURPAC-WHITTLE

LANGUAGES

- Fluent in English and French language with an active knowledge of geological and technical vocabulary.
- Maternal language : Malagasy

OTHERS

- Titular of driver's license, B category
- Formation in first-aid with practices with the CROIX ROUGE Malagasy

I declare on honor the accurateness of the information concerning me above

February 2015

The concerned person,



Mamisoa Razanadraibe

Engineer Geologist