

Curriculum Vitae

Christian Masurenko

Geologist - EurGeol

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Personal Details

Date of Birth: 5 January 1968
Marital Status: Married, two children
Nationality: German
Health: Excellent



Career Objective

Executive & Project Management, Business Development

Professional Skills / Knowledge

- ✓ Community Relations & Resettlement – large scale “world class” mining & Oil/Gas industry projects in Africa (Liberia & Uganda)
- ✓ Expert for Tantalum & Niobium & REEs, Ni, Co, Mn and Fe, sulphides, tropical and fossil laterites, greenstone belts, base metals, Manganese, industrial minerals
- ✓ Coordination of multi-M/BUSD economic studies (PFS-BFS) according to NI43-101 and JORC; annual budgets up to 70 MUSD; > 500 staff
- ✓ Optimization of feasibility studies and active operations
- ✓ Excellent understanding in project management, planning, engineering geology, GIS
- ✓ Extensive experience in training and managing staff
- ✓ Planning of competitive & innovative strategies in management, mining and production
- ✓ Excellent verbal and communication skills; excellent understanding in community and government relations
- ✓ Highly organised and methodical
- ✓ German (mother tongue), English, working knowledge in Portuguese

Career Highlights

- ✓ DFS of multi BUSD Fe Project in 15 month, 20 % under budget
- ✓ Grant of Mining Licence and all ESHIA permits in only 90 d after submitting all documents – fastest licence granted in Liberia
- ✓ Achieved 100 % support of large scale project by communities & local politicians
- ✓ Project management of pre-feasibility & feasibility studies for projects in the range of 10 MUSD to > 2 BUSD
- ✓ Achieved higher productivity and efficiency in mine production, increased production by more than 100 % - introduced int. HSE standards; Zero Harm Environment
- ✓ CEO for multi BUSD project in Africa – forming and representing the owner’s team
- ✓ Communication with international bodies (UN, UNMIK, EU, World Bank/IFC etc)
- ✓ Advising Governments concerning Good Governance and Sustainable Natural Resource Management

Professional Experience

January 2018 – to date



Kollektive Rohstoff Intelligenz (Collective Raw Material Intelligence)

- ✓ Developing a vision for securing raw materials
- ✓ Building a “Central Intelligence Agency for Raw Materials”
- ✓ Ongoing discussions with German Government, Agencies and Industry
- ✓ www.k-r-i.de

Oct 2008 – to date

ECTerra Pty Ltd (AUS)

Position: Founder – Managing Director



- ✓ Current Projects
 - Nigeria – Economic Assessment of Mining Project
 - Cameroon – NI43-101 Lobe Iron Ore Project
- ✓ Advising clients concerning exploration & mining projects
- ✓ Recent projects in base metals, Gold, Ta/Nb/REEs/Uranium, Fe, Graphite and Heavy Mineral Sands – latest projects in Mauritania, Brazil, Liberia, Uganda - Resettlement in Oil & Gas Project
- ✓ Acquiring projects; project meetings with clients & investors
- ✓ Planning of investment strategies & Business Development
- ✓ Project Management & training of senior staff
- ✓ Technical reporting NI43-101 & JORC, data verification; external auditing
- ✓ Planning of exploration campaigns
- ✓ Advising clients on strategic investments
- ✓ Additional qualification as Environmental Officer (HSE) – Module I & II (TÜV NORD)

Feb 2012 to Jan 2016

Severstal Resources/Putu Iron Ore Mining Inc.

Position: Chief Executive Officer PIOM Liberia

- ✓ Planning and managing Pre-feasibility and Feasibility of a multi-billion USD project
- ✓ Budgeting (up to > 60 MUSD p annum)
- ✓ Coordination of national and int. consulting groups
- ✓ Coordinating tender processes for construction projects, DFS
- ✓ Supervision of daily activities – Mine camp and HQ Monrovia
- ✓ Reporting to Board of Directors Severstal Resources
- ✓ Government Relation / Corporate Affairs Management; Community Relation Management
- ✓ Negotiations of contracts, SoWs, ToRs; HR Management in cooperation with the HR Manager
- ✓ Responsible for > 500 staff; training of staff regarding management, project schedules and budgeting; coordination of all department and sub-contractors
- ✓ Co-Founder 1st LIBERIAN CHAMBER OF MINES – “Acting Chairman 2013-2015”

Sep 2010 – Feb 2012**Brazil Exploration Company AIM listed Horizonte Minerals****Position: Project Manager / Regional Geologist N-Brazil**

- ✓ Planning and managing geological exploration for Ni Laterite in Brazil;
- ✓ Supervision of resource drilling; implementation of standard operation procedures according to int. standards for sampling, analytical work and reporting;
- ✓ Interpretation of historic & new exploration data; validation of data and preparation of those information for compliant resource statements (NI43-101); internal auditing
- ✓ Conducting Pre-Feasibility Studies of a Ni laterite deposit in N-Brazil
- ✓ Supervising calculation of ore reserves according to international standard (JORC, 43-101 Code)
- ✓ Budgeting of regional exploration (> 5 MUSD pa); maintaining of exploration licences
- ✓ Advising client on business development
- ✓ Training of local staff; supervision of 4 local and int. Geologists, 6 Technicians and up to 30 staff.
- ✓ Setting up sample preparation and storage facilities for historic and new drill core; development of SOPs
- ✓ Supervision of re-logging campaigns; general core logging
- ✓ Implementing and supervising bulk sampling program for MET test work

Jul 2004 – Oct 2010**European Nickel PLC****Position: Project Manager / Regional Geologist / Country Manager**

- ✓ Planning and managing geological exploration for Ni Laterite and Ni Sulphide Deposits in SE Europe and worldwide
- ✓ Project Manager for the Regional Office in Belgrade/SRB and Tirana/Albania
- ✓ Interpretation of historic & new exploration data
- ✓ Planning and carrying out of Fact Finding Missions in SE Europe, Middle East and Asia
- ✓ Auditing of existing data of both, laterite and sulphide deposits
- ✓ Conducting Economic Studies of existing deposits
- ✓ Desk Studies of Ni Laterites/Sulphides in Europe, Asia, Middle East
- ✓ Supervising calculation of Ore Reserves according to international standard (JORC, NI43-101)
- ✓ Budgeting of regional exploration (> 5 MUSD pa)
- ✓ Planning and setting up of sample preparation facility in Serbia according to international standards ISO, JORC, 43-101
- ✓ Communication with Ministries and National Institutions
- ✓ Applying for exploration licences under national and international standards
- ✓ Training of local staff; set up laboratories and sample preparation facilities
- ✓ PR Management (Government and Local Communities, NGOs)

May 2002 – Dec 2003**KHA-TEC GmbH, GERMANY****Position: Project Manager / Technical Director, Morrua Mine Mozambique**

- ✓ Technical Director of Tantalite Mine, Project Manager Phase II (Extension of Processing Plant, > 10 M€), Project Manager Exploration, Infrastructure
- ✓ Reporting directly to Board of Directors, planning of strategic investments
- ✓ Communication with official institutes (EU, World Bank, Government)
- ✓ Supervision of mine planning
- ✓ Geological exploration for Tantalite, REEs and associated minerals
- ✓ Evaluation of Ta deposits (pegmatites)
- ✓ Community Relations Management

November 2001 – April 2002

SaarMontan GmbH, Grube 1, 66125 Saarbrücken – Jägersfreude, GERMANY

Position: Project Manager KOSOVO (Former Republic of Yugoslavia)

- ✓ Management of Operation in Kosovo
- ✓ Correspondence with international parties such as UN, UNMIK, EU etc.
- ✓ Supervision of Drilling and Blasting Teams; planning of quarries (Pit Design)
- ✓ Cost estimation of all operations and combined with the recommendations of new strategies
- ✓ Consulting for Mining Industry (Trepca, Mg-Mine, Quarries)

February 2001 – November 2001

FGE GmbH, Klingenderstr. 10-14, Paderborn, GERMANY

Training: GeoInformationSystems (GIS) – Engineer and Consultant

- ✓ Training on four GIS-Programmes (e.g. ArcView, MicroStation, SICAD/open)
- ✓ Project Management and Consulting

September 1996 – December 2000

Ghana Manganese Company Ltd GHANA

Position: Chief Geologist & Production Manager

- ✓ Quality control of the ore, improved quality of ore to match customer's specification (QA/QC), Laboratory Management
- ✓ Work out of blast designs and the costs involved; wrote and developed investment plan for new blast drill rig. Drilling and blasting have since increased by more than 100 %
- ✓ Ore reserve estimation; increased ore reserves by 25 %; short-term exploration
- ✓ Supervision of exploration (geochemical soil sampling and trenching) for Gold and Manganese, supervision of drill crews, both Diamond- and RC-Drilling
- ✓ Supervision of senior & junior staff (> 100 employees)
- ✓ Planning of pit design; achieved more efficient ROM production; raised ROM by > 100 %
- ✓ Core logging, re-organisation of core magazine; structural & geological mapping of the mining area; accomplished a completely revised geological map and structural model of mining area
- ✓ Environmental Protection; member of the environmental committee of GMC; corresponded with the Environmental Protection Agency of Ghana; Presentation of environmental measures to the EPA and their representatives; supervising of every environmental measures on the mine property (e.g. construction of new filling station for heavy duty equipment)

- ✓ Cost estimation of all mine equipment and combined with the recommendations of new investments; reporting of availability and utilisation of heavy duty equipment and recommendations of new investment strategies

January 1996 - September 1996

TU Bergakademie Freiberg, Institute of Mineralogy, Chair of Ore Deposits, Germany

Position: Assistant in a research assignment

- ✓ Preparation of research trip and representing the geological part of this project to a group of scientists (e.g. biologists) of other institutions; member of the research expedition (HYDROTRACE SONNE 109)
- ✓ Water sampling & analysis; mapping of ocean floor; sampling & description of sea floor sample
- ✓ Tutoring geology and mining engineering students in mineralogy

September 1992 - September 1995

TU Clausthal, Institute of Mineralogy, Germany

Position: Temporary assistant (in the years of study)

- ✓ Tutoring geology and mining engineering students in mineralogy
- ✓ Organising & watching over the mineralogical exhibition, showing groups around

Education and Qualification

April 1989 - September 1995

Qualification: Diplom Geologe (equivalent to Master of Science, Geology)

Institute: Technical University of Clausthal, Germany

Geology & Palaeontology, Engineering Geology, Economic Geology and Hydrogeology

May 2010

Qualification: Environmental Officer TÜV NORD, Germany

- ✓ Environmental Laws; ISO 14001, EMAS II, Management Systems OHSAS 18001, SCC; HSE
- ✓ Organising of companies according to environmental aspects; internal auditing

Relevant Courses, Conferences & Presentations, Publications

- ✓ Key Note Speaker Developing a National Biodiversity Offset Scheme: “A Road Map for Liberia’s Mining Sector” World Bank Group 26th March 2015.
- ✓ Key Note Speaker “3rd Session of the regional dialogue platform in extractive industry, Central Asia, 7th – 9th April 2014, Dushanbe/TAJ“ Presentation: Government Investors Relationship.
- ✓ World Bank Workshop “Aggregated Biodiversity Offsets in Liberia” 1st-2nd April 2014
- ✓ Environmental Officer – certified Modul I + II TÜV NORD, June 2010
- ✓ “World of Mining” magazine 6/2008: article on Ni laterites in the Balkan Region – Geology, Mining and Processing
- ✓ SGA Conference Dublin August 2007: paper and presentation “Fossil Nickel Laterites of the Tethyan Belt – Deposits in Albania and Turkey”
- ✓ 2nd Balkan Mining Congress Serbia 2007: paper “Laterite Nickel Ore In The Vicinity Of Bilishti - East Albania” and presentation “Fossil Nickel Laterites of the Balkan – Case Studies”
- ✓ 4th Balkan Conference 2006 at Zlatibor/SCG: presentation + paper “Ni laterite deposits in the Ophiolite belts of the Alpine Himalayan System”

- ✓ Presentation for the University Beograd Faculty of Mining & Geology “ Case Studies of Ni Laterite deposits in the Balkan Region & New Technologies in exploration and exploitation with regards to Serbia” Beograd 2005
- ✓ International Earth Science Colloquium on Aegean Regions with Presentation “Ophiolites in the Alpine Himalayan Belt: Case Studies of Ni laterite deposits in the Balkan Region & Turkey” Izmir 2005
- ✓ SE Europe Conference & Field Trip Copper/Gold Porphyries Bulgaria 2005
- ✓ Internal Customer Care / Team Building Skills 1998
- ✓ Workshop “The Formation of World-Class Ore Deposits in Relation to Plate Tectonics” 1996

IT Skills

- ✓ MS Office, MS-Project, MicroMine, ArcGIS

Practical Training

1993, August

Niedersächsisches Landesamt for Science of Soils, Germany

- ✓ Evaluation of geological and hydrogeological aspects of nuclear waste storage
- ✓ Evaluation of hydrogeological expertises regarding nuclear waste storage
- ✓ Evaluation of hydrogeological structures in the area of Gorleben, Nuclear Waste Disposal
- ✓ Collecting data of core logs and geophysical measurements in the field

1993, March

Kreisverwaltung Birkenfeld, Geology Assistant to EPA, Birkenfeld, Germany

- ✓ Geological mapping
- ✓ Evaluation of hydrogeological aspects, introduction to the work as Environmental Officer

Sports / Interests

Member of Association of German Geologists (BDG)

Member EFG - EurGeol

Member of SGA

Fellow of SEG

Acting Chairman 2013-2015 1st Liberian Chamber of Mines

Tennis, Skiing, Swimming, Soccer, Travel, Photography

Guinness World Record™ Holder “longest marathon tennis match 2012”



References¹

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¹ More references available on request.