

Name	Ronald Smit
Proposed Position	Consultant
Date of Birth	08/12/1956
Nationality	Dutch and South African
Qualifications	<ul style="list-style-type: none"> » MBA - Heriot-Watt University (Edinburgh Business School), Edinburgh, UK, 2003 » M.Sc.(Eng.)(Mining) - University of the Witwatersrand, Johannesburg, South Africa, 1992 » Dip.Data. - University of South Africa, Pretoria, South Africa, 1986 » B.Sc.(Hons)(Geology) - Rand Afrikaans University (now: University of Johannesburg), Johannesburg, South Africa, 1979.
Professional Certification and Memberships	<ul style="list-style-type: none"> » Registered as a Professional Natural Scientist (<i>Pr.Sci.Nat.</i>) with the South African Council for Natural Scientific Professions (SACNASP) » Member: Royal Dutch Institute of Engineers (KIVI-NIRIA) » Member: Royal Geological and Mining Society of the Netherlands (KNGMG) » Member: Society for Geology Applied to Mineral Deposits (SGA) » Member: Society for Mining, Metallurgy and Exploration (SME) » Member: Geological Society of South Africa (GSSA) » Member: Southern African Institute of Mining and Metallurgy (SAIMM)
Country experience	Benin, Burkina Faso, Cameroon, Colombia, Ethiopia, Ghana, Iraq (desktop, home-based work only), Kenya, Liberia, Madagascar, Mali, Mongolia, South Africa, Tanzania, Togo, Uganda, Uzbekistan, Vietnam, Zambia, Zimbabwe
Technical Competences	Mining sector governance, mineral production monitoring, mineral export valuation, mining taxation, institutional review, minerals policy and legislation development, stakeholder engagement, EITI, political economy, Strategic Environmental and Social Assessments and due diligence, mining cadastre design, mineral exploration, project team leadership, training
Languages	English, Afrikaans, Dutch, German (limited), French (limited)

Summary of Experience

Ronald Smit is a leading mining sector specialist, with extensive international management experience in the fields of mining sector governance and development, and mineral exploration. His areas of expertise include geosciences, mining sector taxation, mineral export valuation and mineral production monitoring, mining environmental and social assessment and due diligence investigation, mining cadastre design, business administration and general support to public mining sector institutions.

Ron's mining sector experience includes key projects in Zambia, Liberia, Ghana, South Africa, Uganda, Ethiopia, Kenya, Tanzania, Colombia, Cameroon, Mongolia, Uzbekistan and Vietnam. Over the past two decades or so, he has led or participated in a number of mining governance and mining sector development projects, funded by donors like the World Bank, the European Union, DFID, AusAID/DFAT, GIZ, EBRD, IMF, and others.

Prior to his move into donor-funded projects, Ron gained extensive private sector experience in mineral exploration, and in ore reserve estimation. He worked for almost 20 years in various exploration and related management roles where his tasks included geological and geochemical mapping, target generation, exploration project technical and financial management, leadership over exploration teams and identification and management of joint venture opportunities.

Throughout his career, Ron has developed extensive networks with government mining institutions, environmental agencies, mining sector operations, multilateral and donor agencies, as well as local and international experts.

Employment history

Duration	Position	Employer
2008 – Present	Owner	Ron Smit Consulting (www.ronsmit.com)
2005 – 2008	Team Leader	Swedish Geological, Ghana
2003 - 2005	Independent Consultant	Self
1995 – 2001	Manager	Western Areas Limited (formerly JCI Ltd)
1991 – 1994	Senior Geologist	Johannesburg Consolidated Investments Ltd
1984 – 1987	Senior Geologist	GENCOR (formerly General Mining Union Corp)
1982 – 1984	Geologist	General Mining Union Corp

Selected projects

Uganda: Team Leader, Strategic Analysis, Identification and Formulation of Mining Sector and CRM-related Actions in Uganda. Employed by Ecorys, for the DG INTPA and the EU Delegation in Uganda.

Date: December 2024 – September 2025, part-time.

Assisting the EU Delegation in Kampala by producing a strategic analysis of the mining sector in Uganda, identifying opportunities for EU companies to source CRM from Uganda, advising the Delegation on potential Actions to improve mining sector governance, including compliance with the EU's ESG legislation. The assignment also included the arrangement of two relevant panel discussions during an EU-Uganda business event.

Uganda: Consultant, Technical Assistance, delivery of a Mining Industry Workshop to Uganda Revenue Authority and Customs officers. Employed by the Fiscal Affairs Department of the IMF.

Date: July 2024, part-time.

Delivery of a workshop in Kampala on topics including the mining industry structure, the mining lifecycle and value chain, mining and processing methods, and other aspects relevant to government revenue from the sector. Contributions towards a Final Report to the URA Customs Department.

Zambia: Consultant, Support for European Development Policy and Team Europe, a Technical Assistance Facility. Employed by DAI Global (Belgium) as a Non-Key Expert.

Date: April 2024 – October 2024, part-time.

Assisting the EU Delegation in Zambia to identify investment opportunities along the raw materials value chain, and with building a coalition of (mainly) EU actors in this. Analysis of investment opportunities, assistance with building a roadmap for investment in Zambia, and with drafting documents to set out relevant initiatives.

Vietnam: Adviser and Team Leader, Support to the Vietnamese Government towards updating of the Law on Geology and Mining. Employed by Adam Smith International, funded by the Australian Department of Foreign Affairs and Trade (DFAT).

Dates: October 2023 – October 2024, part-time.

Leadership of a team of Vietnamese and international experts, analysing the current mining legislation and supporting towards an updated mining law. Ensuring coordination with other Vietnamese legislation, assessing economic, environmental and social impacts, and correlation with Australian and other international legislation and best practice. Remote and on-site work.

Zambia: Consultant, Forest-Mining Project, under the international Environmental Governance Programme (EGP). Employed by Swedish Geological AB. Project executed by UNDP and the Swedish Environmental Protection Agency (SwEPA).

Date: September 2022 – November 2023, part-time.

Conducting stakeholder consultations on the interactions between large-scale mining and exploration operations, and protected forest areas in Zambia. Investigations into the various licensing and permitting processes, the underlying legislation and the implementation thereof. Desk-top research, virtual and in-person meetings with mining companies and NGO's, on-site investigations, reporting. 2024 extension to include the design and implementation of a GIS to capture and hold forest location information.

Uzbekistan: Consultant, Technical Assistance on the Implementation of Subsoil Use, Rent, and Profit Taxation for Natural Resource Extraction, to the State Tax Committee. Contracted by the Fiscal Affairs Department of the IMF.

Date: January 2023

Meetings in Tashkent with officials of the State Tax Committee and the State Committee on Geology, development and delivery of presentations about different options for implementations of mining royalties and taxes. Contributions towards an Aide-Memoire (report) on the advice provided.

Zambia: Consultant, Due Diligence of Environmental and Social Compliance by two mining companies, on behalf of Swedish Geological AB, for a European mining company.

Date: June 2022 – October 2022

Investigations into environmental and social compliance and social licence to operate, concerning two mining operations in Zambia. Desk-top research, virtual and in-person meetings with mining companies and NGO's, on-site investigations, reporting.

International: Business Analyst (Mining Products) for Cybele.space

Date: March 2021 – ongoing

Providing relevant mining sector information towards the development and delivery of tools based on interpretation of satellite imagery, in order to assist private sector mining companies with their own environmental management.

Mongolia: Adviser and Team Leader, Mongolian Mining Industry and Supply Chain – Investment Climate Benchmark Study (European Bank for Reconstruction and Development, EBRD)

Date: September 2021 – May 2022

Contracted by Adam Smith International (ASI) to produce an investment climate benchmark study for the Mongolian mining industry and supply chain.

Cameroon: Trainer on Exploration and Management of Mineral Resources, under the PRECASEM programme (World Bank)

Date: August - September 2021

Contracted by Africa Geoscience Consulting SARL to compile and deliver trainings to officers of the Ministry of Mines and the School of Mines in Cameroon. Covered a range of topics including various types of mineral deposits, examples in various countries and exploration methods. Remote work as well as one training mission to Cameroon.

Zambia: Consultant, Training on Mineral Export Valuation to the Zambian Revenue Authority and the Ministry of Mines and Minerals Development (Intergovernmental Forum on Mining, Metals, Minerals, and Sustainable Development)

Date: June 2019 – July 2021

Development and delivery of training to Zambian officials on mineral export valuation and related topics, in order to support the government's need to ensure that appropriate taxes and royalties are levied in respect of mineral exports. Ron designed and led the sections on physical aspects of valuation (sampling and analysis) but also pricing systems, specifically for copper and copper concentrates, as well as for manganese ore and derived products.

Mongolia: Adviser, Australia – Mongolia Extractives Program (AMEP II), (Australian Department of Foreign Affairs and Trade, DFAT)

Date: May – June 2019

Review and editing of Situational Analysis reports on topics including Geology & Exploration, Transparent & Fair Regulation, Environmental Protection, Fiscal Regime, and Pre-competitive Services. Desktop work.

Tanzania: Evaluation of Institutional Cooperation Instrument projects, Finnish Ministry of Foreign Affairs

Date: November 2019 – January 2020

Evaluation of three ICI projects, with particular emphasis on the collaboration between the Geological Survey of Tanzania (GST) and the Geological Survey of Finland (GTK). Contracted by Impact Consulting, Ron engaged with officers of the GST and GTK to determine the degree to which the project had been effective, efficient and sustainable.

Liberia: International Technical Consultant, Advice towards finalisation of the new draft mining law (GIZ)

Date: August – September 2019

Provision of technical advice to the Ministry of Mine and Energy towards the new draft mining law, in order to ensure relevance and a balance between making the country attractive for investors and to ensure appropriate

governance over the sector. Ron interacted with senior MME officers as well as legal experts contracted by GIZ and helped produce an updated version of the draft law.

Mongolia: Consultant, Training on Mineral Export Valuation to the Ministry of Finance, tax authority and others (Intergovernmental Forum on Mining, Metals, Minerals, and Sustainable Development)

Date: February 2019

Development and delivery of training to Mongolian officials on mineral export valuation and related topics, in order to support the government's need to ensure that appropriate taxes and royalties are levied. Ron designed and led the sections on physical aspects of valuation (sampling and analysis) but also pricing systems, specifically for copper and copper concentrates, as well as for iron ore. Participants represented the Ministry of Finance, the tax authority, the Ministry of Mines and Erdenes.

Zambia: Team Leader of the Mineral Production Monitoring Support Project within the Ministry of Mines and Minerals Development (European Union)

Date: January 2015 – January 2019

Building capacity to improve the governance over the reporting of mineral production by the various mines in the country, in order to help ensure that the Zambian state obtained the appropriate revenue from the mining sector. The project addressed issues like improved, more complete production reporting, to form the basis for the calculation of royalties. This project included the sourcing and procurement of relevant equipment to the Geological Survey Department, the Mines Cadastre Department and the Mines Development Department, as well as conducting a range of formal and on-the-job trainings directly related to the monitoring of mineral production. Trainings involved conducting regular inspection missions to the mines, sampling of mineral products from the mines and processing plants and analysis of the sampled materials in the GSD laboratories. Metal accounting through the entire value chain from the mine site to the export of cathodes and other products. Drafting of updated mining regulations relevant to mineral production reporting and updating of the EITI Bill for Zambia.

Netherlands: Strategic Study of Sustainability of the Gold Supply Chain (Dutch Ministry of Foreign Affairs)

Date: January 2015 – June 2015

Investigated and described sustainability issues related to gold mining, processing, trading and recycling, and helped develop potential policy and project options for the Dutch government, to influence various stakeholders along the supply chain, in order to improve sustainability. Co-authored a report, *Options for Sustainability – Strategic Gold Chain Assessment*, describing and ranking various environmental and social impacts of gold mining.

Kenya: Consultant, Kenya Extractive Industries Development Programme (DFID)

Date: 2014

Support to the Ministry of Mining (MoM), including drafting of new mining legislation and mineral rights licensing processes. Arranging procurement and implementation of an online cadastre portal to facilitate licence applications.

United Kingdom: Consultant, Mining Governance Assessment (World Bank)

Date: 2014

Participated in design of an assessment tool (MinGov) to rate and compare governance aspects of mining sectors in various countries.

Mongolia: Consultant, Policy Advice to the Ministry of Mining on a Functional Review of Institutions engaged in the Management and Regulation of the Mining Sector (World Bank)

Date: May – September 2013

Conducted a review of mining policy and legislation in Mongolia, this was in reference to their ability to ensure (a) appropriate governance over the mining sector and (b) maximisation of the sector's long-term contribution to country's wider economy.

Ethiopia: Co-Team Leader, Strategic Assessment of the Mining Sector (World Bank)

Date: May 2013 – January 2014

Conducted an analysis of the mineral sector value chain in Ethiopia which included an assessment of the existing regulatory and institutional framework to ensure appropriate governance of the sector, a study of the potential benefits and costs of the mining industry, for Ethiopia and an assessment of exploration potential for various minerals.

Zambia: Consultant, Project design to plan assistance for improved mining governance in Zambia (AusAID)

Date: November 2012

Identification of focus areas for intervention to improve mining sector governance and to increase the beneficial impact of mining on the economy of Zambia; Assessment of potential intervention areas, including geological mapping requirements, management of the mining cadastre system, mining-related regulation design and enforcement, verification of mine production (copper, cobalt, gold) and mining sector technical training requirements; Planning of project activities.

Ghana: Consultant, Scoping study in Ghana to help determine potential future projects (AusAID)

Date: July – August 2012

Main project features include determination of areas where AusAID could potentially assist in mining sector development and governance and wide consultation with mining sector stakeholders. Discussions with sector stakeholders, including the Minerals Commission, Environmental Protection Agency, Chamber of Mines, individual mining and contracting companies, civil society organisations and think-tanks, and Internal discussions.

Colombia: Consultation with the Colombian Contraloría General de la Republica (CGR, the Comptroller General's Office) in connection with Mining Environmental Impacts

Date: November 2011 – April 2012

Consultation on general environmental and social effects of mining and exploration (November 2011) and training of CGR staff members on EIA and general environmental governance issues (March 2012.) Responsible for discussion of closure planning and decommissioning issues, discussion of Environmental Financial Assurance mechanisms, presentations on the abovementioned topics to a national forum hosted by the CGR, interactions with Colombian NGO's and advocacy groups and for hosting training sessions with Contraloría staff on mining sector EIA and mining sector regulations and appropriate governance. Discussions also addressed responsibilities for regular environmental inspections and the rating of different mining-related environmental and social risks.

Iraq: Consultant, Non-oil Minerals Sector component of the UNIDO Private Sector Development Project (Upstream Output Consolidation) for Iraq

Date: December 2011 – June 2012

Responsible for the description of the existing mineral resources and industry in Iraq, comparisons with resources and industries in other countries, specific proposals for development of industrial and other minerals, including strategic investment plans, specific action plans, preparing proposals related to restructuring of legislation and mining sector related institutions and interactions with Iraqi and international institutions and experts.

Ghana, Sweden and the Netherlands: Manager, Energy Efficient Recycling of Electric and Electronic Scrap (e-scrap) in Ghana (NDF)

Date: June 2010 – June 2013

Responsible for the management and coordination of activities in Ghana, carried out by partners GreenAd and the Ghana EPA, together with private sector technology partners. Development of workshops and trainings to build a skills base and capacity within the ranks of scrap dealers and studied different business models to facilitate appropriate private sector participation in the recycling industry. Responsible for the proposal of new legislation (laws and regulations) for appropriate governance of e-waste, including presentation of an industry position paper, the investigation of replication possibilities in other cities and countries and a presentation of project activities and findings to various seminars in Ghana and internationally.

Uganda: Team Leader, Design of a Mining Cadastre and Registry System (Nordic Fund).

Date: June 2009 – May 2010

Produced a design for a new, digital mineral rights cadastre and registry system for the Department of Geological Survey and Mines (DGSM), in accordance with Ugandan legislation. Part of the Sustainable Management of Mineral Resources Project SMMRP.

Ghana: Consultant, Assessment of Mineral Investment Potential (Swedish Geological AB)

Date: 2009

Assessed the geology and operations of existing gold mining operations and exploration projects in Ghana, identified a limited number of investment opportunities in advanced gold exploration projects.

Ghana: Team Leader, Integration of DAP Servers into the IMS and incorporation of Geophysical and Geological Data Project (European Union)

Date: 2009

Procurement and implementation of DAP server hardware and software for the Minerals Commission and the Geological Survey Department.

Ghana: Team Leader, National Environmental Impact Assessment and Strategic Environmental Assessment Project (European Union)

Date: July 2005 – June 2008

This project involved wide consultation with communities, mining companies, government institutions and various other stakeholder organisations. Outputs included environmental and social impact assessments at 61 different mine sites across the country, as well as proposals for improvements to regulations and for mining environmental strategy.

Johannesburg Consolidated Investment: Mineral (gold exploration) and new mining business investigations – Ghana, Mali, Burkina Faso, Côte d'Ivoire, Togo and Benin

Date: 1991 – 2001

Assessed of potential mineral investment opportunities in a number of African countries, including the legislative environments and institutional capacities. Initiated and negotiated joint venture opportunities with mining and exploration companies. Negotiated and liaised with government agencies in connection with the divestiture of Ghana State Gold Mining Corporation properties. From 1994 onwards, appointed as Exploration Manager in Accra, Ghana, with responsibility for managing gold exploration projects in West Africa, including exploration and development of the old Prestea gold mine in Ghana and identification of other opportunities in the region.

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