



Dirk H. Wagner
Mining Consulting

CV Dirk Wagner

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Curriculum Vitae

Name of Firm Dirk H. Wagner Mining Consulting

Name of Expert **Dirk Wagner**

Date of Birth 1965

**Country of Citizenship /
Residence** Germany

Professional Education:

Institution **Technical University Berlin /Germany**

Date 1986 – 1992

Degree / Diploma Diploma in Mining Engineering

Employment Record:

Period	Employing Organisation, title/position, Contact Info
From 2016 to present	self employed
From 2011 to 2015	DMT Consulting GmbH Essen / Germany Senior Project Manager
From 2008 to 2011	Bucyrus Europe GmbH Saarbrücken / Germany Senior Project Manager
From 2000 to 2008	IMC Montan Consulting Essen/ Germany Senior Project Manager
From 1992 to 2000	Sachtleben Bergbau Services GmbH Lennestadt / Germany Project Engineer, Mine Planning Department

Membership in Professional Societies:

Ring Deutscher Bergingenieure e.V. (Society of German Mining Engineers), GDMB, SME

Language Skills:

	speaking	reading	writing
German		Mother Tongue	
English	Excellent	Excellent	Excellent
Russian	Good	Very Good	Average

Other Skills / Training / Specialised Education:

Data Processing: MS Office, MS Project, MS Access, Basic Datamine Knowledge

Key Qualifications:

- Technical and economic evaluation of underground mining projects and open-pit mining projects
- Project management
- Evaluation of tender documents
- Supervision of underground mines

Countries of Work Experience:

Argentina, Australia, Brazil, China, Colombia, Czech Republic, Estonia, Ethiopia, Finland, Georgia, India, Ireland, Kazakhstan, Mali, Mongolia, Poland, Russia, Spain, Turkey, Ukraine, USA, Venezuela, Vietnam, Zimbabwe

Professional Experience Record:

Thar Coal Mine Block 2, Pakistan

Year, Country June 2018, Pakistan
Client DMT
Services Due Diligence on cost part and contractual issues
Position in Project Senior Expert

Mugla Chromite Project, Turkey

Year, Country February 2018, Turkey
Client Hasat BNO Grup
Services Preliminary Cost and Production Schedule
Position in Project Project Manager

Ibrice Maden, Turkey

Year, Country December 2017 - February 2018, Turkey
Client Ibrice Maden

Professional Experience Record:

Services Preliminary Economical Assessment of Malkara project

Position in Project Project Manager & Financial Expert

Wassoul'Or, Mali

Year, Country September/October 2017, Mali

Client Pearl Gold AG

Services Review and evaluation of open pit gold operations

Position in Project Financial Expert & Mining Engineer

Rich Metals Group, Georgia

Year, Country August/September 2017, Georgia

Client Bank of Georgia

Services Lenders Engineer Due Diligence, review of copper and gold mines open pit and underground, long term mine plans, gold processing facilities

Position in Project Cost Engineer & Mining Engineer

Coal Mining Company, Eastern Europe

Year, Country January/February 2017, Eastern Europe

Client Undisclosed

Services Technical Due Diligence incl. operating cost assessment as preparation for a bid

Position in Project Project Manager, Cost Engineer

Clara Mine, Wolfach, Germany

Year, Country Since 2016, Germany

Client Sachtleben Minerals

Services Advisor of the Management Board, Support in:
 - updating of reporting system
 - preparation of life of mine plan (LOMP)
 - preparation of economic studies
 - monitoring of strategy process

Position in Project Senior Advisor

Professional Experience Record:
Aguas Tenidas Mine

Year, Country	2016, Spain
Client	DMT
Services	Fatal Flaw Analysis
Position in Project	Mining Expert
Input	Review of mine plans and operations of 3 underground ore mines

Vozkhod Oriel Chromite Mine

Year, Country	2014 - 2015, Kazakhstan
Client	Yilmaden
Services	JORC Reserve review, Geotechnical Investigations, Health and Safety Audit preparation to support financing process. Owner's engineer
Position in Project	Project Manager
Input	Project Management, Peer Review

Kalkim Lead-Zinc Mine

Year, Country	2014 - 2015, Turkey
Client	CVK Maden
Services	Resource Estimate for a Lead Zinc Mine
Position in Project	Project Manager
Input	Project Coordination, Peer Review

Merzifon Underground Lignite Deposit

Year, Country	2013 – 2015, Turkey
Client	Gürmin Enerji
Services	Resource Estimate, Preliminary Economic Assessment and Gas Drainage concept for the Amasya / Merzifon Project of Gürmin Enerji
Position in Project	Project Manager
Input	Project management, Preliminary Mine planning, Economic Assessment

Professional Experience Record:

Zonguldak Baglik-Inagzi Underground Coking Coal Project

Year, Country	2013 – 2015
Client	Soma Holding
Services	Resource Estimate, Preliminary Economic Assessment and Gas Drainage Concept for the Zonguldak Project of Soma Kömür
Position in Project	Project Manager
Input	Project Management, mine planning, economic assessment, peer review of other chapters

Gökirmag Copper Project

Year, Country	2013 – 2015
Client	Asya Maden
Services	Feasibility Study on the Gökirmak Copper Project in Northern Turkey
Position in Project	Project Manager
Input	Project management, mine planning, cost calculation, cash flow modelling

Soma Eynéz Lignite Deposit

Year, Country	2013, Turkey
Client	Undisclosed
Services	Due Diligence on an underground coal mining project in Soma area
Position in Project	Project Manager
Input	Project coordination, review of Mine Plan, production plan and economic evaluation

Camlik, Goynukoren and Pulluca silver deposits

Year, Country	2012- 2013, Turkey
Client	Yildizlar Holding
Services	Preparation of Technical Report according to NI43-101 for Eti Gümüs Silvermine, Pit Optimization
Position in Project	Project Manager

Input Project management, pit optimization, mine planning, equipment selection, economic evaluation

Komorovskoje gold mine

Year, Country 2012, Kazakhstan

Client Kazzinc

Services Investigation of In-Pit Crushing and continuous haulage systems for Komorovskoye open pit.

Position in Project Project Manager

Input Project management, cost calculation, mine planning

Paz del Rio Coal Mine

Year, Country 2011 – 2012, Colombia

Client Votorantim

Services Underground Part of Prefeasibility Study for underground coal mine project

Position in Project Mining Engineer

Input Mine Planning, equipment selection

La Mancha Resources

Year, Country 2012, Australia

Client Societe Generale

Services Due Diligence on an underground and an open pit Gold Mine

Position in Project Mining Engineer

Input Review of mine plans, review of operations, review of costs

Banphu Nickel mine

Year, Country 2012 Vietnam

Client Pala Investment

Services Due Diligence on Underground Nickel Mine

Position in Project Mining Engineer

Input Review of operations, review of costs, review of Life of Mine Plan

Dijon Mining

Year, Country	2011, Tajikistan
Client	DION
Services	Assessment of a small scale underground mine
Position in Project	Project Manager
Input	Review of underground coal mining project

Mibrag Lignite Open Pit

Year, Country	2011, Germany
Client	Undisclosed
Services	Competent Persons Report on Coal assets of a German Company
Position in Project	Economic Expert
Input	Review of cost, review of business plans

Tuncbilek underground lignite mine

Year, Country	2010 – 2014, Turkey
Client	TKI
Services	Engineering Assistance, Review of FS on Tuncbilek deposit
Position in Project	Project Manager
Input	Supervision of Turkish Consultants, Mine Planning, Project Coordination (Serbian, Turkish and German team members)

Soma Eynenez Underground coal project

Year, Country	2010, Turkey
Client	Demir Export
Services	Engineering Assistance on Tender preparation for Cayirhan Tender including mine planning.
Position in Project	Project Manager
Input	Review of mine plan, review of engineering, preparation of cost schedules

KTK 7/8 coal mining project, SCCL

Year, Country	2010, India
Client	Indu Projects
Services	Equipment Proposal Preparation, including mine planning
Position in Project	Project Manager
Input	Proposal coordination, mine planning

Eniseyskaja Coal Mining Project

Year, Country	2009, Russia
Client	EPK
Services	Pre-Feasibility Study on application of slice mining
Position in Project	Project manager
Input	Project Coordination, Mine Planning, economic evaluation

Komorovskoye Coal Mine

Year, Country	2008, Russia
Client	Undisclosed
Services	Due Diligence Report on an underground Coal mine
Position in Project	Senior Mining Expert
Input	Review of mining plans and operations, review of mining costs

Sapadnij Kamys

Year, Country	2008, Kazakhstan
Client	Undisclosed
Services	Reserve assessment for Manganese projects
Position in Project	Senior Mining Expert
Input	Review of Mine plan, review of mining cost, review of operations

Eurasia Gold

Year, Country	2008, Kazakhstan
Client	Kazakhmys
Services	Reserve assessment for all operations of “Kazakhmys Gold”
Position in Project	Senior Mining Expert
Input	Review of mining operations, review of mining cost, review of life of mine plan

Cerattepe Copper Mine Project

Year, Country	2007/8, Turkey
Client	CBI (Cayeli Bakir)
Services	EPCM Project on an underground copper mine
Position in Project	Project Manager
Input	Project coordination, supervision of surface civil construction, specification of works, tender preparation

MSOL Gold Mines

Year, Country	2007, Brazil
Client	Undisclosed
Services	Due Diligence on several small gold mining operations in Brazil
Position in Project	Senior Mining Expert
Input	Review of Mining operations, review of life of mine plan, review of costs

Burnstone Gold Project

Year, Country	2007, South Africa / USA (Nevada)
Client	Undisclosed
Services	Due diligence on two gold mining projects
Position in Project	Senior Mining Expert
Input	Review of Mining operations, review of life of mine plan, review of costs

San Jose Mine

Year, Country	2006, Argentina
Client	Hochschild PLC
Services	Reserve Evaluation San Jose gold Mine
Position in Project	Project Manager
Input	Review of reserve Estimate, review of modifying factors

DTEK Coal Mines

Year, Country	2006, Ukraine
Client	DTEK
Services	Optimisation of underground coal mines and methane utilization of 11 underground coal mines.
Position in Project	Dep. Project Manager
Input	Project Coordination

Aguas tenidas Mine

Year, Country	2005/06, Spain
Client	Investec Bank
Services	Due Dilligence for a Polymetallic Project in Spain
Position in Project	Senior Mining Engineer
Input	Review of Feasibility Study, review of economic model and mine planning

JSW coal mines

Year, Country	2005, Poland Upper Silesia
Client	World Bank
Services	Efficiency improvement of selected Polish hard coal mines
Position in Project	Senior Mining Engineer
Input	Review of Mining Operations, review of mine efficiency