

Tara Raketti, EIT

JUNIOR ENVIRONMENTAL ENGINEER



EDUCATION

B.Sc., Environmental Engineering, University of British Columbia & University of Northern British Columbia, 2014

B.Sc., Animal Biology, University of British Columbia, 2008

AFFILIATIONS

Association of Professional Engineers and Geoscientists of B.C. (Canada), Engineer-In-Training

EXPERIENCE

SUMMARY

Tara Raketti has a B.Sc. in Environmental Engineering and in Biology. She is an Engineer-In-Training in the province of British Columbia with over two years of professional experience in mining hydrogeology and environmental analyses. Tara joined Robertson GeoConsultants Inc. in 2013 first as a co-op student and again as an environmental engineer upon completion of her degree.

Her experience includes supervision of drilling and well construction, hydraulic testing, hydrological analyses, water quality sampling, and QA/QC analysis.

PROFESSIONAL HISTORY

2013-present: Environmental Engineer, EIT, Robertson GeoConsultants Inc.

2011-2012: Co-op Student, Knight Piésold Ltd.

PROJECT EXPERIENCE

MINE WASTE CHARACTERIZATION

Rum Jungle, Australia (2014) for Northern Territory Department of Mines and Energy

- Investigated the physical and geochemical properties of waste rock for relocation during mine rehabilitation

HYDROGEOLOGY STUDIES

Las Tortolas Tailings Impoundment, Chile (2014) for Anglo American Chile

- Supervised a large drilling and monitoring well installation program as part of comprehensive hydrogeological investigation
- Provided assistance with quality control of aquifer pumping tests to establish the hydraulic properties of local aquifers in order to determine well-capture zones

ENVIRONMENTAL ENGINEERING & BASELINE STUDIES

Ovejeria, Chile (2015) for Codelco Andina

- Conducted review of international water quality standards and guidelines with focus on sulphate

TRO Water Balance, Alberta, Canada (2013) for Suncor

- Conducted field monitoring of polymer-treated Mature Fine Tailings for evaluation of the Optimized Seasonal Deposition approach
- Provided assistance for research of the freeze-thaw and dewatering processes of polymer-treated Mature Fine Tailings

Ajax Project, BC, Canada (2012) for KGHM International

- Coordinated and conducted ground and surface water quality sampling programs as part of a baseline data collection program
- Performed hydrology field assessments including stream gauging and benchmark surveys
- Produced a hydrometeorology report summarizing local baseline environmental conditions

Spanish Mountain Project, BC, Canada (2012) for Spanish Mountain Gold Ltd.

- Implemented groundwater sampling program as part of a baseline data collection program
- Completed desktop analysis of flow reduction of local watercourses for investigation of alternative operational flow options

Aley Niobium Project, BC, Canada (2012) for Taseko Mines Ltd.

- Conducted environmental field investigations including surface water sampling, hydrology discharge measurements, and snow course survey

Box Canyon Hydroelectric Project, BC, Canada (2012) for Box Canyon Hydro Corp., Sound Energy Inc.

- Completed desktop preliminary analysis of habitat conditions for Cutthroat rearing and Steelhead spawning along sensitive transects during baseline and operational flows

Elk Gold Project, BC, Canada (2012) for Gold Mountain Mining Corp.

- Compiled and performed QA/QC analysis of historical database of water quality data for development of baseline studies sampling program

Jamie Creek Hydroelectric Project, BC, Canada (2012) for Sequoia Energy Inc.

- Revised permit and license status for due diligence review

GEOTECHNICAL STUDIES

Schaft Creek, BC, Canada (2011) for Copper Fox Metals Inc.

- Performed oriented core logging and data summary as part of a pre-mine feasibility study