

Are you looking for technical excellence to help you sustainably develop and operate your projects?

Does that winning combination mean working with a consulting firm that delivers practical technical solutions? A firm to provide you with the environmental services to manage resource development responsibly and meet regulatory requirements? A firm that understands the lifecycle of a mining project and the need to think about the long-term legacy at all stages of project development? And a firm that understands that all of this must be achieved while meeting the needs of your investors?



Klohn Crippen Berger (KCB) is an engineering, geoscience and environmental consulting firm with over 70 years of experience serving clients worldwide.

Our team includes some of the most respected and experienced professionals in the industry, who develop solutions that integrate the responsible use of natural resources through the lifecycle of the facility from exploration to design, operation and closure. Our knowledge includes the application of alternative technologies, which has allowed us to successfully meet project requirements in harsh, remote and physically challenging environments.

OVER 90% OF OUR CLIENTS ARE REPEAT CLIENTS

TAILINGS
GEOSCIENCES
ENVIRONMENT

• INFRASTRUCTURE



INTEGRATED TEAMS TECHNOLOGIES

KCB integrates the application of engineering and geoscience with environment, community and safety-by-design principles. This approach drives our reputation as a leading-edge provider of professional services.

Apply our services to solve your mine development and operational challenges. Our valued clients, some of whom have worked with us for decades, have trusted us with the design, development and closure of some of the most challenging mining operations across the world.



ELECTRICAL
ENVIRONMENTAL
GEOSCIENCE
GEOTECHNICAL
MECHANICAL
SOCIAL
STRUCTURAL
WATER RESOURCES

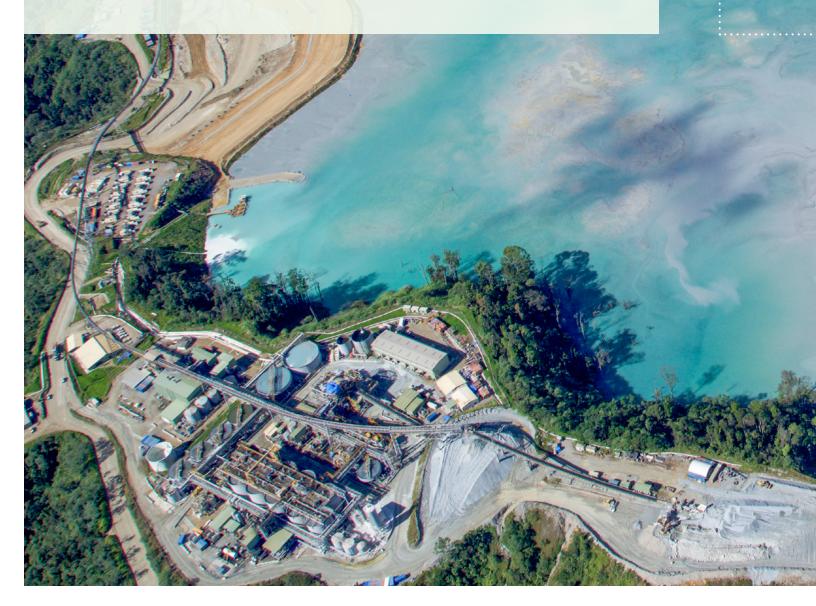
ALASKA, USA

TAILINGS

KCB helped to revolutionize modern tailings facility design 60 years ago, and our engineering approach continues to be a hallmark of the international practice.

Apply our experience with hundreds of tailings dams to your mining operation. We can help you determine the geological and geotechnical setting of your tailings facilities, and design and monitor the construction of your tailings impoundment and related infrastructure.

We have been trusted with some of the largest (up to 300 m high) technically-challenging tailings storage facilities across the world.



BEST AVAILABLE TECHNOLOGY CHARACTERIZATION ENGINEER OF RECORD TAILINGS FACILITY WATER MANAGEMENT DEWATERING LINERS RISK REDUCTION

GEOSCIENCES

GEOCHEMISTRY GEOCHEMISTRY GEOCHEMISTRY GEOHAZARDS GEOHAZARDS HYDROGEOLOGY GEISMIC HAZARD ASSESSMENT GEOLOGY SLOPE STABILITY G

KCB offers the practical application of geoscience to mining projects locally or internationally in remote and logistically challenging environments.

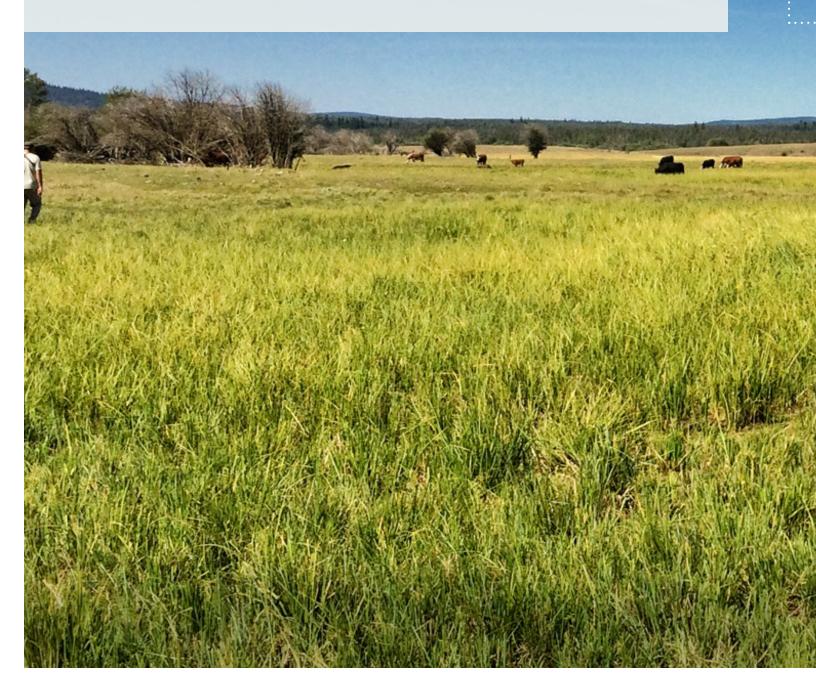
Apply our geoscience services, including conceptual to detailed design, field investigations, data management, and a variety of technical assessments related to water supply and environmental monitoring to your mining project.

We have in-house engineers and geoscientists with experience in technical planning and logistics, and specialist scientists and modellers experienced in 2D and 3D groundwater flow, unsaturated flow and geochemical modelling.

ENVIRONMENT

KCB applies the environment-by-design principle by integrating environmental considerations into project planning and design to build successful projects.

Work with us to integrate your project with the biophysical environment, from concept to operation to closure and rehabilitation. Our teams have worked on hundreds of environmental projects worldwide, including some key infrastructure and resource development projects.





RESOURCE INFRASTRUCTURE

KCB can help design and develop the necessary resource infrastructure to move people, transmit power and deliver commodities to your processing plant and tailings storage facilities.

Our project experience includes a wide range of resource infrastructure support, from port upgrades to pipelines, roads and bridges. In addition, our mechanical and electrical groups can handle a variety of mine equipment and infrastructure, from flotation cell upgrades to conveyors, control systems and electrical supply.



- TAILINGS DELIVERY SYSTEMS & PIPELINES
- FLUID TRANSFER SYSTEMS & SIPHONS
- POWERLINES & CORRIDORS
- ELECTRICAL, INSTRUMENTATION & CONTROLS
- GEOTECHNICAL & GEOSCIENCES
 - MULTI-DISCIPLINE, WATER MANAGEMENT & HEAVY CIVIL







WHERE WE WORK

PROJECT LOCATIONS

AMERICAS

AS ASIA

Argentina Brazil Canada Chile Colombia Costa Rica Ecuador French Guiana Guatemala Panama Peru USA Venezuela

China Indonesia Kazakhstan Mongolia Pakistan Philippines South Korea Sri Lanka Thailand Vietnam

EUROPE Andorra

Finland Netherlands Romania Spain Sweden Turkey United Kingdom

AFRICA

Egypt Kenya Madagascar Mauritania Saudi Arabia Uganda

AUSTRALASIA

Australia Fiji New Caledonia Papua New Guinea

WE HAVE OFFICES IN STRATEGIC LOCATIONS ACROSS THE GLOBE



HOW WE WORK



Platinum member



PSMJ Resources, Inc.. TOTAL CIRCLE OF EXCELLENCE PLATINUM MEMBER 2023 | WINNER

ISO 9001 14001 45001

QUALITY ISO 9001 ···

ENVIRONMENT ISO 14001 ···· HEALTH & SAFETY ISO 45001 ···· KCB has a strong reputation for quality work and technical experience in a range of services. Our commitment to excellence is the driving force behind everything we do and, as a result, we are the recipient of multiple national and international awards for major projects and corporate governance. We are committed to sustainability in our business operations and professional services, and we publish our progress in an annual Sustainability Report on www.klohn.com. We strive to balance social, environmental and economic considerations to meet the needs of our clients, the community, our employees and other key stakeholders.

Our business is governed using an integrated management system consisting of quality, health and safety, and environment (QHSE) procedures. Our management system, which meets the requirements of the ISO 9001, 14001 and 45001 standards, steers our business conduct and the manner in which we undertake our projects. Our QHSE policy includes our goals of fostering quality services, promoting a safe and healthy culture, reducing our environmental impact and committing to sustainability.

In addition to the ISO standards, we are guided by the frameworks developed by the Global Reporting Initiative, the Institute for Sustainable Infrastructure, the International Council of Mining and Metals, and the Mining Association of Canada's Towards Sustainable Mining, among others.

To meet our clients' requirements for health, safety, and the environment we subscribe to several subcontractor management systems. We are an approved contractor on Avetta, ISNetworld, Contractor Qualification Network, ComplyWorks and BROWZ.

