

PEJUNI RESOURCES



OUR COMPANY PROFILE

Pejuni Resources



■ About Company

Pejuni: is a dynamic mining and geotechnical consulting and contracting company with its roots in Australia and a strong presence in Tanzania. We specialize in providing comprehensive solutions and expertise to clients in the mining industry, offering a wide range of services tailored to their specific needs.

Founded with a vision to deliver exceptional results, Pejuni brings together a team of highly skilled professionals with extensive experience in mining, geotechnical engineering, and project management. Our diverse team consists of geologists, engineers, geotechnical experts, and industry specialists who work collaboratively to provide innovative solutions and ensure the success of every project

■ Our Vision And Mission

Vision

Pejuni envisions a future where our technical services are globally recognized as the gold standard in the mining and geotechnical consulting sector. We strive to be the trusted partner of choice for mining companies worldwide, renowned for our unparalleled expertise, cutting-edge solutions, and unwavering commitment to excellence. Through our contributions, we aim to shape the future of mining, driving industry advancements and fostering sustainable development.

Mission

Pejuni's mission is to be the premier provider of specialized technical services in mining and geotechnical consulting, offering innovative solutions that optimize mine design, enhance safety, and maximize project value. We are committed to delivering exceptional results through our expertise, advanced modeling techniques, and comprehensive support, while fostering sustainable growth and making a positive impact on the mining industry.



■ What We Do?

As a mining and geotechnical consulting firm, we offer a wide array of services to support our clients throughout the entire project lifecycle. From initial exploration and feasibility studies to mine design, planning, and production optimization, our experts provide valuable insights and practical solutions that drive efficiency and maximize the value of mineral resources.

our diverse team consists of Geologists and Mining engineers



■ Our Services

Our models facilitate informed decision-making in mine design and tunneling engineering that allows effective risk mitigation strategies we offers a comprehensive range of specialized technical services tailored to the mining industry, providing expert guidance and solutions in the following key areas:

01

Mine Design:

Pejuni excels in mine design, leveraging our deep expertise and cutting-edge tools to develop optimized and efficient mining plans. We consider various factors such as geotechnical conditions, resource utilization, safety protocols, and economic viability to create customized mine designs that maximize project value.



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02

Geotechnical Modelling:

Our team of skilled professionals utilizes advanced geotechnical modeling techniques to assess and analyze complex geological formations. Through the integration of geotechnical data, we provide valuable insights into ground stability, slope analysis, and risk assessment. Our models facilitate informed decision-making and effective mitigation strategies.

03

Data Collection:

Pejuni conducts meticulous data collection exercises, employing state-of-the-art technologies and methodologies. We gather critical geological and geotechnical information to support accurate modeling, risk assessment, and project planning. Our comprehensive data collection ensures reliable and robust analyses for optimal outcomes.

our comprehensive data collection strategy ensures reliable and robust analyses for optimal mine planning and design and tunnelling engineering.

04

Numerical Modelling:

Employing advanced numerical modeling software, Pejuni creates highly detailed and realistic simulations of mining scenarios. We develop three-dimensional linear and non-linear models that capture the intricacies of shallow, deep, or high extraction ratio mines. Our models facilitate accurate predictions, allowing for improved mine planning and performance optimization.

05

Secondment:

Pejuni offers secondment services, providing experienced and highly qualified geotechnical engineers to augment your existing teams. Our professionals seamlessly integrate into your operations, offering valuable expertise, technical support, and hands-on assistance to meet project requirements and enhance overall performance.



06

Training and Mentorship:

Recognizing the importance of knowledge transfer and skill development, Pejuni provides comprehensive training and mentorship programs for geotechnical engineers. Our experienced professionals share their industry insights, practical expertise, and best practices, nurturing the growth and proficiency of your team members.

With a wealth of experience in managing geotechnically challenging projects, Pejuni is poised to elevate your mine design and operations, ultimately increasing the net value of your project. Our technical advice and solutions empower mining companies to make informed decisions, mitigate risks, and achieve sustainable success in the dynamic mining industry.

Pejuni offers an expanded range of specialized technical services in the field of geotechnical investigation and management, augmenting our comprehensive offerings. These services encompass:

01

Geotechnical Investigation Program Design and Management:

Pejuni designs and manages geotechnical investigation programs tailored to meet project-specific requirements. Our experienced team develops comprehensive plans encompassing data collection methods, sampling strategies, and testing protocols, ensuring accurate and relevant geotechnical information is obtained.

02

On-Site Geotechnical Data Collection, Interpretation, and Management:

Our experts conduct on-site geotechnical data collection, utilizing advanced techniques and equipment. We oversee the entire process, from data acquisition to interpretation and management, ensuring the integrity and quality of the collected information. This includes geotechnical drilling strategy supervision, as well as core logging, geological mapping, and geotechnical mapping.



03

Rock Mass Classification:

Pejuni employs a range of rock mass classification systems, including the Geological Strength Index (GSI), Rock Mass Rating (RMR), Mining Rock Mass Rating (MRMR), and Q Ratings. These classification methods provide valuable insights into the mechanical behavior and stability of rock masses, assisting in the assessment of potential risks and the design of appropriate support systems.

04

Structural Geology Evaluation and Analysis:

Our team evaluates the structural geology of the site, studying rock mass structural fabric and fracture patterns. Through detailed analysis, we assess the impact of structural features on geotechnical stability and develop strategies to manage potential geotechnical challenges.

05

Geotechnical Domain Evaluation:

Pejuni conducts geotechnical domain evaluations, which involve the delineation and characterization of distinct geotechnical domains within a project site. By identifying variations in rock mass properties, structural fabric, and geotechnical behavior, we facilitate targeted design and support solutions.



■ Why Choose Pejuni:

Expertise and Specialization: Pejuni is a specialized mining and geotechnical consulting and contracting company with a team of highly skilled professionals who possess deep expertise and extensive experience in the industry. We focus exclusively on mining and geotechnical services, allowing us to provide specialized knowledge and tailored solutions to meet the unique challenges of our clients.

Comprehensive Service Portfolio: Pejuni offers a comprehensive range of services that cover various aspects of mining and geotechnical consulting. From mine design and geotechnical modeling to data collection, numerical modeling, and secondment services, we provide end-to-end solutions that address our clients' specific needs throughout the project lifecycle

Advanced Technologies and Tools: We leverage state-of-the-art technologies, advanced modeling software, and cutting-edge tools to deliver accurate and reliable results. By staying at the forefront of technological advancements in the industry, we ensure that our clients benefit from the latest innovations and methodologies, leading to improved project outcomes and efficiencies

Client-Centric Approach: At Pejuni, our clients are our top priority. We believe in fostering strong and collaborative partnerships, working closely with our clients to understand their unique requirements, goals, and challenges. We tailor our solutions to their specific needs, providing personalized attention and support throughout the project duration. Our client-centric approach ensures that we deliver exceptional service and exceed expectations.

When you choose Pejuni, you are selecting a trusted partner that combines specialized expertise, comprehensive services, advanced technologies, and a commitment to safety, sustainability, and excellence. We are dedicated to driving the success of your mining projects, providing innovative solutions, and contributing to the sustainable growth of the mining industry.





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