

Kirkland Mining Company

3200 Fourth Avenue Ste: 101A
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Kirkland Mining Company (KMC) is a development stage mining company formed over 25 years ago. KMC owns 18 unpatented mining claims consisting of 320 acres in Northwestern Arizona in an area known as Skull Valley, near the town of Kirkland in Yavapai County.

KMC has developed an ecological business model with unique opportunities to create a greener environment by indentifying natural applications created from high quality pozzolan (HQP). These applications will create green, sustainable solutions while maximizing efficiencies in order to be competitive in the marketplace.

We have retained Arizona State University (ASU, Professors Dr. Barzin Mobasher and Narayanan Neithalath from the School of Sustainable Engineering and the Built Environment) to conduct application testing of our mineral deposit. As a result of ASU's testing, our deposit has been confirmed as a Class N HQP. During the first course of testing, ASU developed a replacement product for Class F Coal Fly Ash that meets the specifications of ASTM C618, which we refer to as Kirkland Mining Powder (KMP).

We have recently become members of the National Science Foundation (NSF) Water, Environmental and Technology Center. Through ASU the center's director Dr. Morteza Abbaszadegan, will be leading the testing of our HQP in the Water Filtration market. We are very pleased to be a part of this foundation as the standards for testing under NSF guidelines and regulations are superior.

HQP has an important role to play in sustainable markets like green construction, agriculture, horticulture, and environmental waste cleanup. Its ability to increase the service life of concrete while reducing the net greenhouse emissions and energy consumption will have a ***substantial reduction in CO2 emissions***. HQPs ability to hold its weight in water as a water retention agent makes it a critical in the agricultural industry where crops could be up to 200% more productive. As a soil aerator, it removes and neutralizes excess nitrogen in soils that have the ability to contaminate our water systems.

KMC is building partnerships with leaders in the pozzolan industry by offering large scale samples from 50 to 200 tons in order to conduct testing of our HQP to determine if our material meets their individual product criteria for usage. We have filed a conditional use permit with the BLM, which will allow us to mine up to 1000 tons of material for testing. KMC is in the process of completing a resource and economic feasibility package. We are currently working on the following tasks to confirm our deposit's market applications, resource quality and quantity:

- Exploration core drilling of our mineral resource
- Lab & large scale testing to confirm market applications

KMC is looking forward to building key partnerships with pozzolan industry and community leaders, which will help our company, continue to develop an economical and environmentally safe business model. As such we have joined the Arizona Rock Product Association to help us build relationships in the government and foster community relations. We are looking forward to building relationships with, and being a part of, our local communities. We appreciate your time and consideration towards are project.

Sincerely,

Areta Zouvas, President
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