



**RIO SOL**

**FOR IMMEDIATE RELEASE:**

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**Rare Earth Highlights Detailed at Peruvian Site at PROEXPLO  
Site Has Reportedly Highest Range of LREEs in Peru**

**LIMA, PERU**—RioSol SAC LLC and Compañía Minera Rio Sol SAC (“RioSol” or “The Company”) recently announced a significant rare earth element and poly-metallic claim discovery in Peru, with reports indicating the 10-kilometer Capacscaya and adjacent claims as having the highest rare earth ranges in Peru containing both light rare earth elements (LREEs) and heavy rare earth elements and metals (HREEs).

The report was finalized in early January and supports percentages of Total Rare Earth Oxides (TREOs) at 3 percent or greater within the granite and altered granite ore bodies, according to rare earth geologist Mirian Mamani, who presented her portion of the report at the conference, focusing on the litho-geology of the claim and the potential for a “hidden pool” of REEs to be located at the site.

Further exploration on Capacscaya is expected in 2015 by the company or partnering with interested parties to further delineate the scale of the claim volumes and concentrations. Companies are encouraged to contact RioSol to gain more information or express indications of interest in the project to [bob@riosol.us](mailto:bob@riosol.us) or [bob@riosol.pe](mailto:bob@riosol.pe).

According to the reports and presentation, “Capacscaya contains both light- and heavy rare earth elements and metals, as well as copper, zinc, cobalt, aluminum, iron and other base metals. It proves that the potential for rare earth elements exists outside of China and elsewhere in the world with significant opportunity for development of new production in Peru.”

Specific rare earth elements ranking high in the study include Neodymium, Scandium, Lanthanum, Cerium, Europium and Yttrium, as well as other LREEs and certain HREEs and their related oxides. Radionuclides were reported as extremely low.

The geologists, and RioSol general manager Max Cruz Pinto, confirmed the rare earth claim as having the highest range of rare earth metals in Peru, recommending, “litho-magmatic studies, petro-mineralogical and additional geophysical study of the main Capacscaya claim,” followed potentially by diamond drilling to determine volumes, values and potential mining approaches.

Currently, approximately 90-95 percent of rare earth element reserves are located in China and Russia. Having a supply source in the Americas for commodities used today and in the future will be important for geographic diversity and commercial consumption given increasing demand.

The claim area is located approximately 123 kilometers northwest of Cusco, Peru, by roads.

Rare earth elements are all metals, and the group is often referred to as "rare earth metals." These metals have many similar properties and that often causes them to be found together in geologic deposits. They are also referred to as "rare earth oxides" because many of them are typically sold as oxide compounds. RioSol's rare earth oxide levels place it among the most optimistic of all rare earth projects in South America.

### **Uses of Rare Earth Elements**

Rare earth metals and alloys that contain them are used in many devices that people use every day such as computer memory, DVDs, rechargeable batteries, cell phones, catalytic converters, specialty magnets, magnets for wind power generation, fluorescent lighting and much more.

From an economic standpoint, rare earth element claims are among the most sought-after in the world due to the scarcity of viable commercial deposits.

### **About RioSol SAC LLC and Compañia Minera Rio Sol SAC LLC**

RioSol SAC LLC is based in Portland, Oregon, United States, while its operating arm, Compañia Minera Rio Sol SAC is headquartered in Cusco, Peru, with legal offices in the U.S. and Peru. The company has operated in Peru for 14 years, building a diverse portfolio of claims ranging from base metals, to platinum group metals to rare earths and lime and aggregate claims.

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