

## **OPERATION OF A POTASSIUM ORE PILOT CAVERN**

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### **1. Summary**

The Potasio Río Colorado deposit is located south of the Mendoza Province at 69°30' longitude west and 37°00' latitude south, on a tableland like region, characterized by a topography of smooth slopes, varying between 700 and 1.000 meters above sea level. -Figure 1-

During the summer the maximum temperature is 40 °C, the maximum solar radiation is 8.500 cal/cm<sup>2</sup> per minute and there are dry winds predominately from the Pacific Ocean with maximum gusts of around 80 kilometers per hour. There is rather low precipitation - 150 @ 200 millimeters per year - making this desert like zone a good place for recovery of salts from brine by solar evaporation.

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