# Colombian Emeralds

### Promoting JKC-11511 concession

PRIZM CORPORATION & HEDAP GLOBAL ENERGY MANAGEMENT













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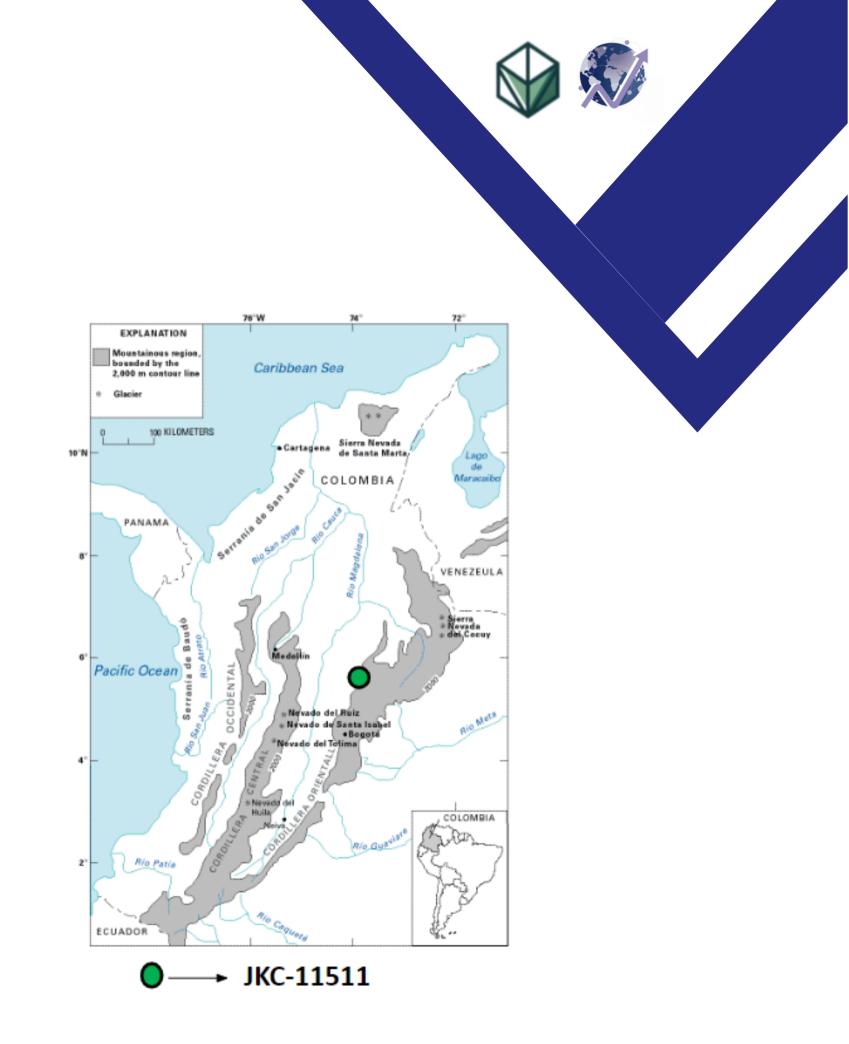
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### Location

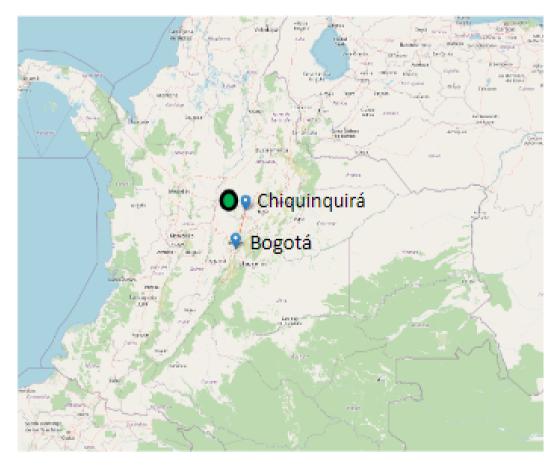
The JKC-11511 concession is located in the western margin of the Eastern Cordillera of Colombia South America.



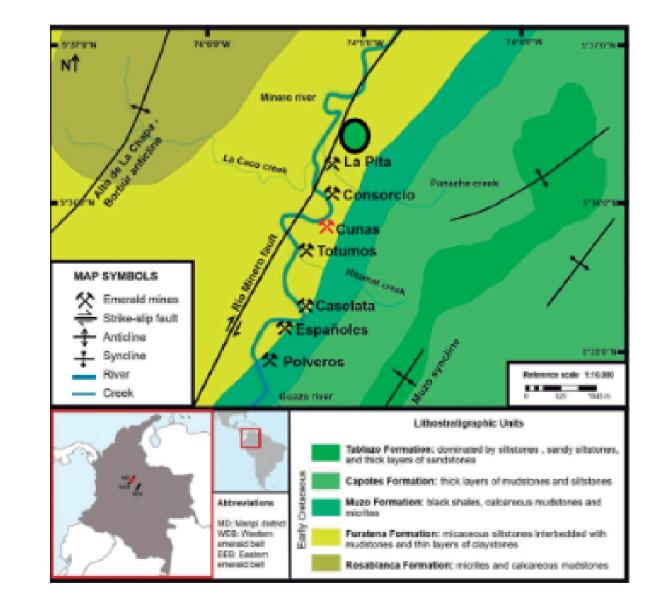


### **Precise Location**

Contract JKC-11511 has a surface area of 153 hectares and 6,958 m<sup>2</sup>. It is located 200 km north of Bogotá and 70 km west of Chiquinquirá.









# Concession Contract Details

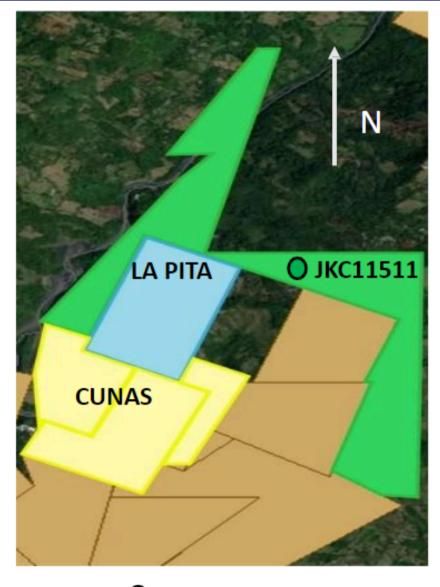


The JKC-11511 concession mining contract was awarded by the National Mining Agency in 2015 for a 30 year terms. The concession contract includes 6 years of exploration and 24 years of explotaition.



Contract JKC-11511 is bordered to the southwest by title 033-96M known as Mina La Pita. Further south are the titles BH8-111, 113-94M and DLB-121 known as Mina Cunas of the Esmeraldas Santa Rosa company.



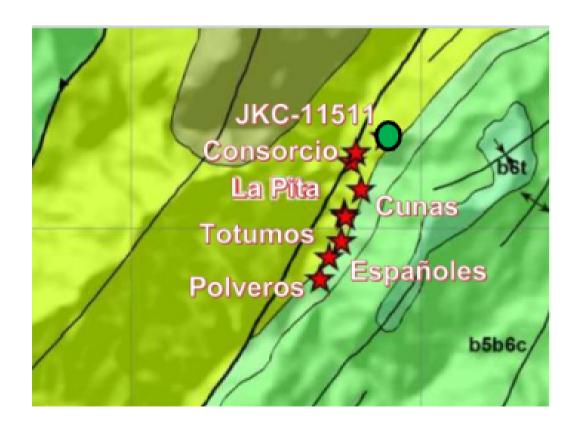


O → JKC-11511

### **Prospective Area**



This concession contract is part of Maripí district, which is the considered a prominent emerald area and mining contains renowned mines such as La Pita, Consorcio, Cunas, Totumos, Españoles, and Polveros.

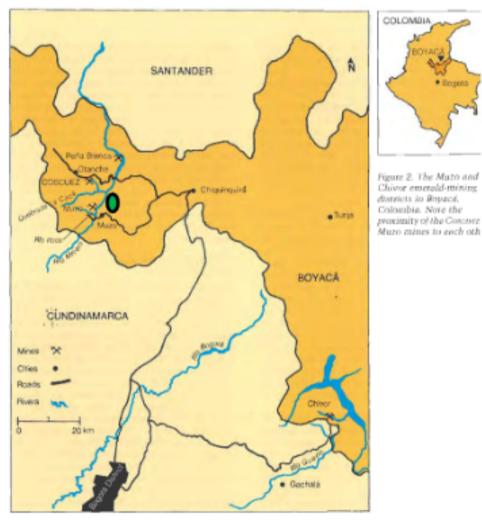




### **Prospective Area**



The Maripí district is approximately 6 km from the world-renowned mining district. In this Muzo district, a production of more than 700,000 carats of raw emeralds per year has been reported in the last 2 years.

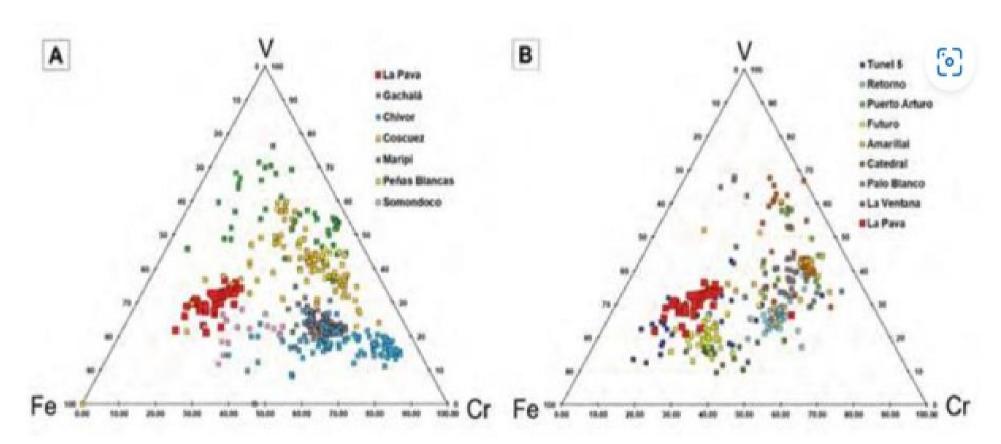




→ JKC-11511

# How Emeralds Originate? Geochemical Aspects

- Emerald mineralization occurs within calcareous layers in marine rocks of Lower Cretaceous age. The relevant zones correspond to brecciated, hydrothermally altered shales transformed by evaporitic brines. These are associated with veins containing sulfides, albite, carbonates, vanadium, and quartz.
- In Colombia beryl is typically found in fractures and cracks in large areas of shales and carbonates. The presence of chromium in beryl is what generates the green color.

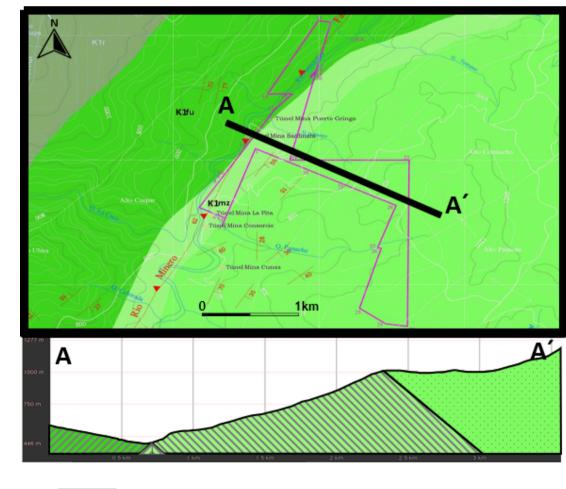




### **Geological Aspects**



• Geological, stratigraphic, structural, and geochemical studies have confirmed that the Formation (an emerald bearing Muzo geological unit with a thickness of 130-300 meters) in the Muzo District is also present in concession JKC-11511.





Micaceous siltstones calcareous mudstones, sales and claystones.





Furatena Formation interbedded with



Muzo Formation Calcareous, siliceous mudstones and micrites with calcite and pyrite veins.

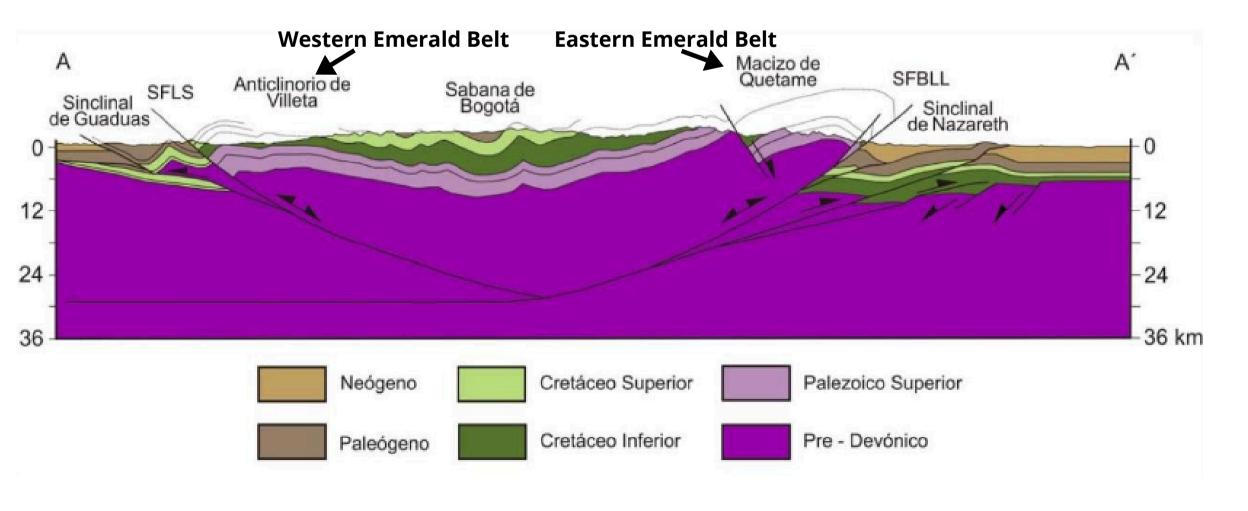


**Capotes Formation** Claystones and siltstones concretions are commonly found.

### **Structural Aspects**



Emerald mineralization is related to the following sequential events occurring towards the western and eastern edges of the Eastern Cordillera: folding events, internal deformation, occurrence of fractures, fluid migration filling fractures, and hydraulic **36**breaching.

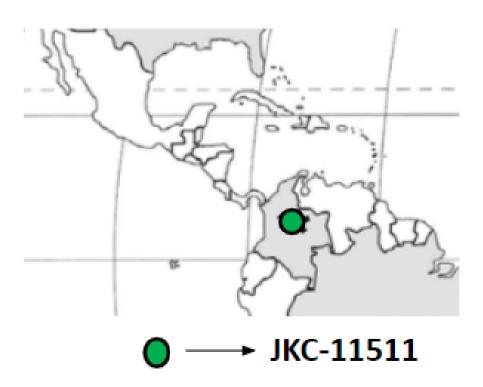




### **Estimated Reserves**



Based on the studies carried out, 2,400,000 carats are estimated in the concession area of JKC 11511.







### **Proposed Work Program**

#### Phase 1: Exploration Phase (2 years)

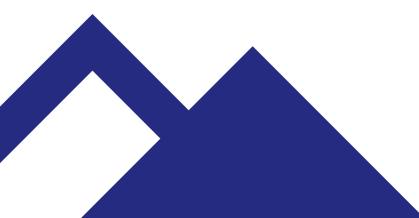


- Detailed mapping at a scale of • 1:1000 over 2 square kilometers.
- Geophysical evaluation (using  $\bullet$ geoelectrical methods).



- 10 slim core holes, each 1,500 • feet.
- In depth Geological evaluation.

#### **Estimated Cost**









Core Storage. Social, environmental, and security assessment.



### **Proposed Work Program**

#### Phase 2: Exploitation Phase (2 years)

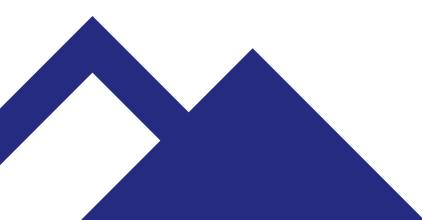


- Drilling tunnels: 2-3 km in length, with a diameter of 3 meters.
- Geophysical assessment.



- Geological analysis of tunnel material.
- Manpower for operations.

#### **Estimated Cost**







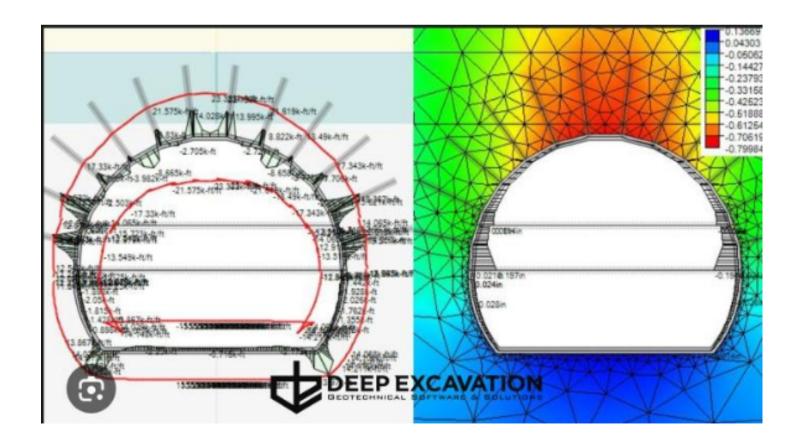
- Core storage.
- Environmental, social, and security management.



# Proposed Excavation Method



Excavation of the ground within the tunnel bore may be either semicontinuous, using handheld power tools or mining machines, or cyclic, using drilling and blasting methods for harder rocks.





### **Proposed Commercial** Option

### Prizm

- Prizm, an international trader and locally experienced company.
- Prizm can also become an operator and execute a potential due diligence plan in case of interest, enabling any potential investor to benefit from the vast experience of geologists in relation to precious metals exploration projects.
- Executing the design, exploration, and extraction phase of this campaign.





• Developing a global promotional campaign for the exploration and exploitation of Colombian emeralds.

• Specialized in identifying, evaluating and managing small and medium precious metals exploration areas with the purpose to find investors for these evaluated opportunities.

### **Technical Support**

### Prizm

- Prizm Corporation has conducted an extensive evaluation of the potential for emerald deposits in the concession area and other surrounding areas.
- The corporation is interested in continuing to act as technical support for an interested operator during the exploration and exploitation phases, for an agreed fee and a royalty in case of successful activity.





### **Business Options for Interested Investors**

#### Framework

- Purchase of 5% up to 20%, of the total concession rights.
- Pay the total investment in the exploration and exploitation phases, acting as the Operator for an agreed percentage of the emerald recovered in the concession area.
- Both of them: purchase % of the concession rights and act as operator

### **Business Conditions**

- Pay promotion fee of USD\$ 150.000
- Pay previous studies to Prizm Corporation, with an estimated cost of USD\$100,000.





### **Contact Information In Case Of Interest**

Prizm Corporation in collaboration with its Partner Promotor of Concession JKC-11511 HEDAP Global Energy Management.

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