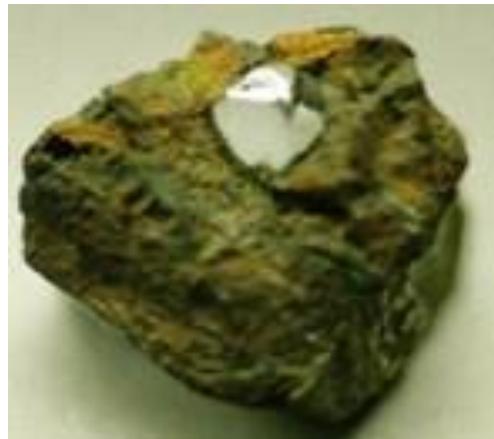


PLATINUM DEPOSITS IN VENEZUELA

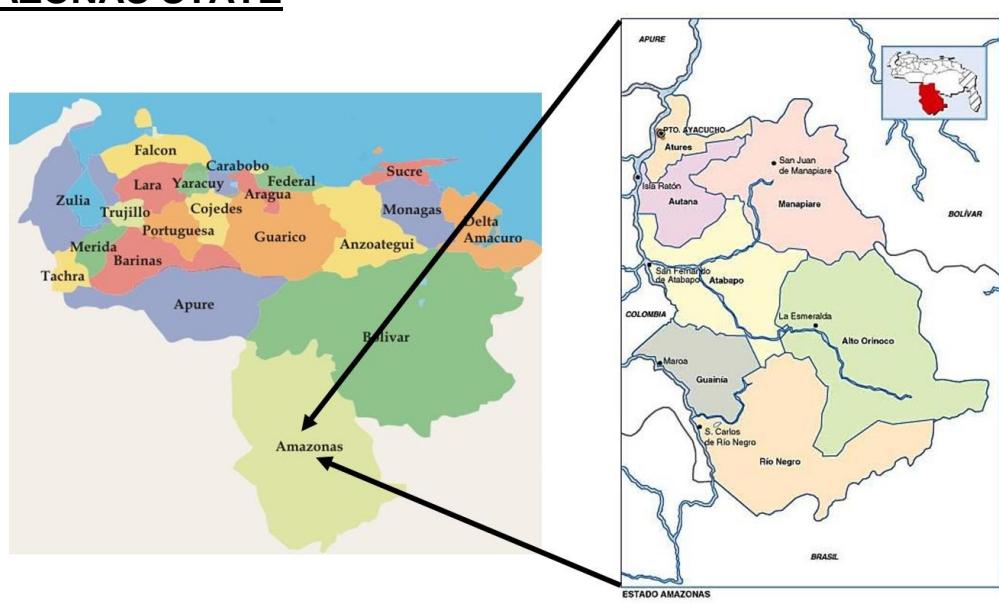
BIBIOGRAPHIC REFERENCES OF PLATINUM DEPOSITS
IN VENEZUELA THROUGH THE
STRATIGRAPHIC CODE OF VENEZUELA, GEOREF,
ASTER VNIR IMAGES, GOOGLE EARTH AND INTERNET

Marianto Castro Mora 2022



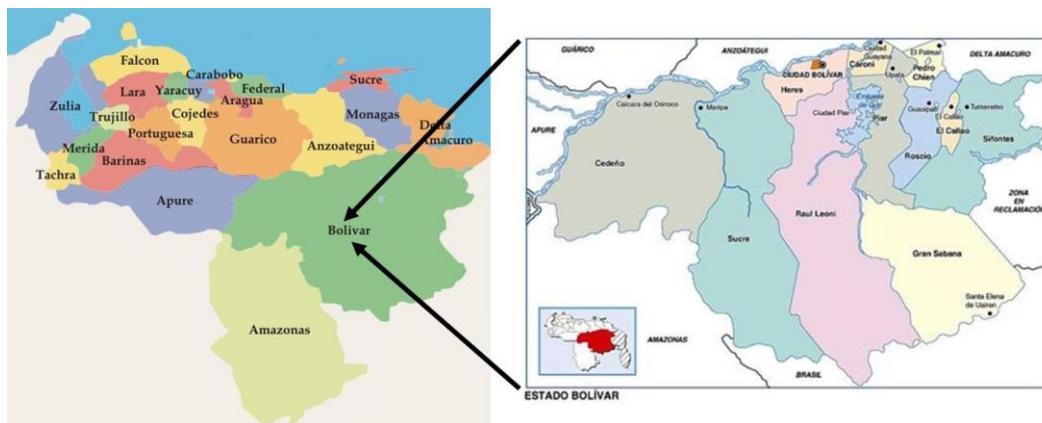
In Venezuela, platinum ore is reported in the following locations:

AMAZONAS STATE



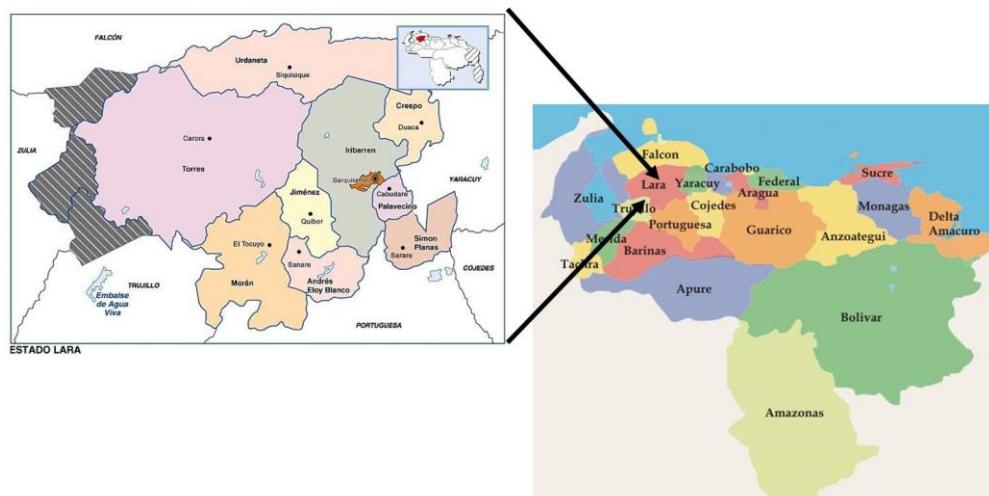
State	Location	Location Relative
Amazonas	Río Guapuchi	Central Amazonas

BOLIVAR STATE



State	Location	District	Location Relative	Coordinates	Age	Complex	Super Group	Group	Formation	Area	Concentration	Deposit Type	Host Rock Type	Official Map
	Cerro La Pinto		Near La Esmeralda Area	7° 25' 55" N / 64° 06' 15" W	Precambrian	Imataca						Vein	Metavolcanic, greenstone, metasedimentary rocks	7740
	Serrania Verde- Cerro Piedra del Supamo	Gran Sabana	250 km south-southeast of Puerto Ordaz City, 60 km south of Tumeremo Town. Access by helicopter or a 5 hour boat trip from El Dorado	6° 36' 00" - 6° 38' 00" N / 62° 00' 00" - 61° 58' 00" W	Early Proterozoic	Supamo	Pastora	Botanano / Carichapa	Calles / Ciacaparururi / Cabalape / Los Carbes	544 km ²		Pelaez, alluvial		7637 / 779 / 7638 / 7738 / 7737
Bolívar	Cerro La Esperanza													
	Pistón de Uroy Area		Southwest of the mining center of El Dorado, north of Río Chiracán (access is by helicopter or motorboat)	6° 15' 00" - 6° 20' 00" N / 61° 51' 00" - 61° 56' 00" W	Precambrian	Supamo	Pastora	Botanano			300 ppb platinum / 360 ppb palladium	Lode, placer	Alluvial gravel	7737
	Real Corono El Torno												Mafic-ultramafic complexes	
	La Esmeralda Area													
	Cerro Piedra del Supamo	Gran Sabana	Supamo Area		Precambrian	Supamo								7737

LARA STATE

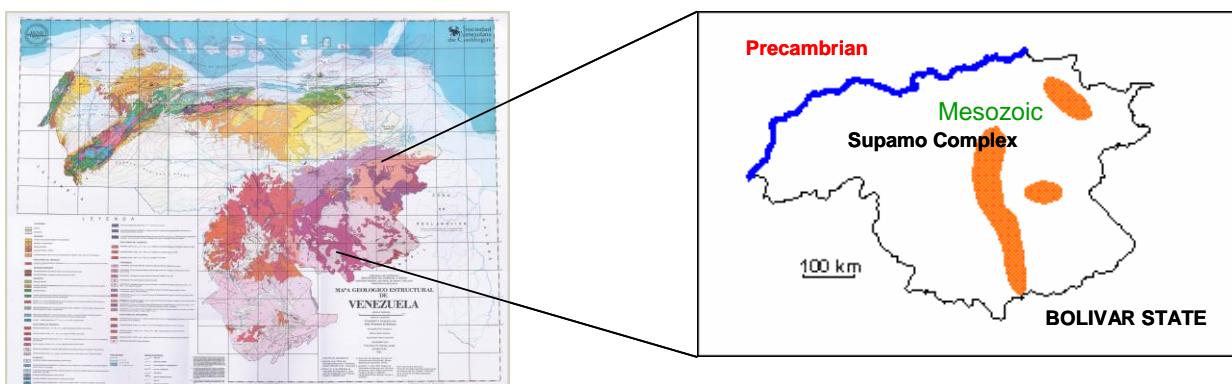


State	District	Location	Location Relative	Coordinates	Age	Formation	Thickness	Values	Deposit Type	Host Rock Type
San Jacinto	Mina San Jacinto	34 km north of Carora City			Eocene to Miocene	Matatere, Castillo	0.6 - 0.8 m	0.3 Hg / recovery of 78 to 89% Hg	Hydrothermal (Epithermal)	
San Jacinto	San Jacinto	35 km north of Carora City	10° 30' 00" N / 69° 30' 00" W		Eocene to Miocene	Matatere, Castillo		Four metric tons of Hg (1941-1942 / 1968-1970)	Hydrothermal (Epithermal)	Sandstone and graywacke
San Jacinto	Cerro El Cacique				Tertiary	Matatere				
San Jacinto	Cerro El Vigia				Tertiary	Matatere				
San Jacinto	Fila La Pereza				Tertiary	Matatere				
San Jacinto	Quebrada Paja Amarilla				Tertiary	Matatere				
San Jacinto	Quebrada Saladillo				Tertiary	Matatere				

STRATIGRAPHIC UNITS

SUPAMO COMPLEX

Precambrian



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[https://www.researchgate.net/publication/263350307 Mines prospects and occurrences of the Venezuelan Guayana Shield](https://www.researchgate.net/publication/263350307_Mines_prospects_and_occurrences_of_the_Venezuelan_Guayana_Shield)

- **New data from platinum group minerals (PGM) in placer deposits from Rio Condoto (Colombia) and Rio Santiago (Ecuador)**

[https://www.researchgate.net/publication/327238662 New data from platinum group minerals PGM in placer deposits from Rio Condoto Colombia and Rio Santiago Ecuador](https://www.researchgate.net/publication/327238662_New_data_from_platinum_group_minerals_PGM_in_placer_deposits_from_Rio_Condoto_Colombia_and_Rio_Santiago_Ecuador)

- **Geology and Mineral Resource Assessment of the Venezuelan Guayana Shield**

<https://pubs.usgs.gov/bul/2062/report.pdf>

- **Global Mining Guide Venezuela**

<https://resourcehub.bakermckenzie.com/en/resources/global-mining-guide/latin-america/venezuela/topics/global-mining-guide>

- **Petrogenesis of the chromitite body from the Cerro Colorado ophiolite, Paraguaná Peninsula, Venezuela**

<https://www.redalyc.org/journal/943/94370787002/html/>

"Bulk-rock geochemistry of platinum group elements. The total PGE abundances in the studied chromitite body range between 60 and 109 ppb (average: 93 ppb), having the nodular chromitites samples lower values (60 ppb) than massive ones (96-109 ppb). The gold contents vary between 2 and 13 ppb. Overall, the analyzed samples have almost identical total contents of IPGE (Os+Ir+Ru=38-56 ppb; average: 39 ppb) and PPGE (Pt+Pd+Rh=65-16 ppb; average: 35). This distribution of the PGEs produces relatively flat

PGE-chondrite normalized patterns, although nodular chromitites exhibit remarkable negative anomalies in Os, Pt and Pd”

- **Venezuela: área en disputa por minerales estratégicos**

<https://elpitazo.net/opinion/venezuela-area-en-disputa-por-minerales-estrategicos/>

“The existence of a significant amount of platinum is confirmed at the mining arch of Venezuela”.

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