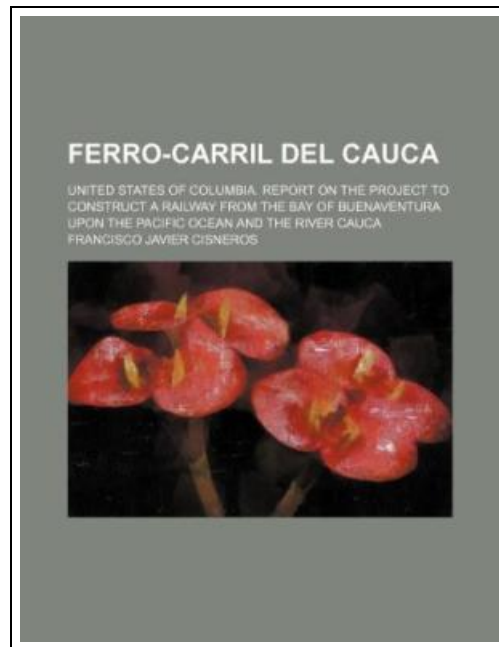


Ferro-Carril del Cauca; United States of Columbia. Report on the Project to Construct a Railway from the Bay of Buenaventura Upon the Pacific Ocean and the River Cauca



Filesize: 5.53 MB

Reviews

This is the very best publication i have got go through until now. I am quite late in start reading this one, but better then never. I discovered this pdf from my dad and i encouraged this book to understand.

(Casimer McGlynn)

FERRO-CARRIL DEL CAUCA; UNITED STATES OF COLUMBIA. REPORT ON THE PROJECT TO CONSTRUCT A RAILWAY FROM THE BAY OF BUENAVENTURA UPON THE PACIFIC OCEAN AND THE RIVER CAUCA

[DOWNLOAD PDF](#)

To read **Ferro-Carril del Cauca; United States of Columbia. Report on the Project to Construct a Railway from the Bay of Buenaventura Upon the Pacific Ocean and the River Cauca** eBook, please follow the web link under and download the ebook or get access to additional information that are highly relevant to FERRO-CARRIL DEL CAUCA; UNITED STATES OF COLUMBIA. REPORT ON THE PROJECT TO CONSTRUCT A RAILWAY FROM THE BAY OF BUENAVENTURA UPON THE PACIFIC OCEAN AND THE RIVER CAUCA book.

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1878 Excerpt: .Galeras, Salto del Diablo and Alto de la Iglesia, the greenstones and grits are prominent, whilst the slate rocks are specially developed in el Naranjo, Jimenez, and in the last mile before arriving at Juntas. Near Galeras some lime may be obtained from calcareous tufa deposited by springs. Remarks Upon The Route Selected. Between the River Cauca and the San Jose Pass the question of gradient is arbitrarily determined by two altitudes. The one, the plain of the Cauca valley, and the other, the head of the cascade in the San Marcos stream, one-and-a-half mile distant from the San Jose Pass. A rise of 1,500 feet has to be effected in a distance of six miles. The choice for the line lies between the north and south sides of the San Marcos valley. The north side of the valley is much more irregular than the south, as is natural, when it is seen that the mass of the Cordillera on that side is more extensive and gives a larger watershed. Not only would there be a long series of heavy viaducts and bridges, but owing to the sharpness of the spurs and narrowness of the ravines, the cuttings would be far heavier. On calculating the gradient I found that the line would pass the large valley which joins the San Marcos, a mile above the Hacienda of the same name, at a height which would throw it into extremely unfavorable ground. Upon the line as surveyed...



[Read Ferro-Carril del Cauca; United States of Columbia. Report on the Project to Construct a Railway from the Bay of Buenaventura Upon the Pacific Ocean and the River Cauca Online](#)



[Download PDF Ferro-Carril del Cauca; United States of Columbia. Report on the Project to Construct a Railway from the Bay of Buenaventura Upon the Pacific Ocean and the River Cauca](#)

Related Kindle Books



[PDF] **Santa s Big Adventure: Christmas Stories, Christmas Jokes, Games, Activities, and a Christmas Coloring Book!**

Access the web link under to read "Santa s Big Adventure: Christmas Stories, Christmas Jokes, Games, Activities, and a Christmas Coloring Book!" PDF document.

[Download ePub »](#)



[PDF] **A Widow for One Year: A Novel**

Access the web link under to read "A Widow for One Year: A Novel" PDF document.

[Download ePub »](#)



[PDF] **Baby Bargains Secrets to Saving 20 to 50 on Baby Furniture Equipment Clothes Toys Maternity Wear and Much Much More by Alan Fields and Denise Fields 2005 Paperback**

Access the web link under to read "Baby Bargains Secrets to Saving 20 to 50 on Baby Furniture Equipment Clothes Toys Maternity Wear and Much Much More by Alan Fields and Denise Fields 2005 Paperback" PDF document.

[Download ePub »](#)



[PDF] **America s Longest War: The United States and Vietnam, 1950-1975**

Access the web link under to read "America s Longest War: The United States and Vietnam, 1950-1975" PDF document.

[Download ePub »](#)



[PDF] **Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large**

Access the web link under to read "Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large" PDF document.

[Download ePub »](#)



[PDF] **Owen the Owl s Night Adventure: A Bedtime Illustration Book Your Little One Will Adore (Goodnight Series 1)**

Access the web link under to read "Owen the Owl s Night Adventure: A Bedtime Illustration Book Your Little One Will Adore (Goodnight Series 1)" PDF document.

[Download ePub »](#)