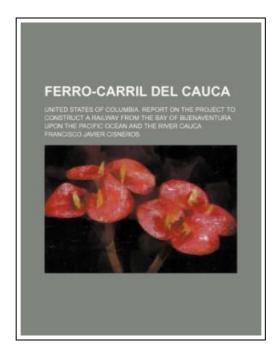
Ferro-Carril del Cauca; United States of Columbia. Report on the Project to Construct a Railway from the Bay of Buenaventura Upon the Pacific Ocean and the River Cauca



Filesize: 9.41 MB

Reviews

This written book is great. I am quite late in start reading this one, but better then never. You will not really feel monotony at at any moment of your time (that's what catalogues are for about when you check with me).

(Abe Reichel DDS)

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



To save 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 click the link below and download the document or get access to additional information that are related 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 ebook.

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

Other Kindle Books



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

Follow the hyperlink listed below to read "Santa's Big Adventure: Christmas Stories, Christmas Jokes, Games, Activities, and a Christmas Coloring Book!" file.

Download Book »



[PDF] A Widow for One Year: A Novel

Follow the hyperlink listed below to read "A Widow for One Year: A Novel" file.

Download Book »



[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

Follow the hyperlink listed below 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" file.

Download Book »



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

Follow the hyperlink listed below to read "America's Longest War: The United States and Vietnam, 1950-1975" file.

Download Book »



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

Follow the hyperlink listed below to read "Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large" file.

Download Book »



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

Follow the hyperlink listed below to read "Owen the Owl s Night Adventure: A Bedtime Illustration Book Your Little One Will Adore (Goodnight Series 1)" file.

Download Book »