

**DIAMONDS IN ARKANSAS: A BRIEF  
ACCOUNT OF THE DISCOVERY  
AND INVESTIGATION AND THE  
OFFICIAL REPORTS OF GEOLOGIST  
AND MINING ENGINEER**

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649273959

Diamonds in Arkansas: A Brief Account of the Discovery and Investigation and the Official Reports of Geologist and Mining Engineer by Arkansas Diamond Company

Except for use in any review, the reproduction or utilisation of this work in whole or in part in any form by any electronic, mechanical or other means, now known or hereafter invented, including xerography, photocopying and recording, or in any information storage or retrieval system, is forbidden without the permission of the publisher, Trieste Publishing Pty Ltd, PO Box 1576 Collingwood, Victoria 3066 Australia.

All rights reserved.

Edited by Trieste Publishing Pty Ltd.  
Cover @ 2017

This book is sold subject to the condition that it shall not, by way of trade or otherwise, be lent, re-sold, hired out, or otherwise circulated without the publisher's prior consent in any form or binding or cover other than that in which it is published and without a similar condition including this condition being imposed on the subsequent purchaser.

[www.triestepublishing.com](http://www.triestepublishing.com)

**ARKANSAS DIAMOND COMPANY**

**DIAMONDS IN ARKANSAS: A BRIEF  
ACCOUNT OF THE DISCOVERY  
AND INVESTIGATION AND THE  
OFFICIAL REPORTS OF GEOLOGIST  
AND MINING ENGINEER**



# Arkansas Diamond Company

A Corporation Organized and Existing Under the Laws  
of the State of Arkansas

Owning and Operating the Diamond Mines  
in Pike County, Arkansas

---

Office 204 Louisiana St.  
LITTLE ROCK, ARK.

---

## *DIRECTORS*

SAM W. REYBURN, President.....	Little Rock, Ark.
CHAS. S. STIFFT, Vice President.....	Little Rock, Ark.
A. D. COHN, Secretary.....	Little Rock, Ark.
MOORHEAD WRIGHT, Treasurer.....	Little Rock, Ark.
AUGUST ZINSSE, JR.....	New York City, N. Y.
J. A. VAN ETTEN.....	Little Rock, Ark.
JOHN F. BOYLE, JR.....	Little Rock, Ark.
W. B. SMITH.....	Little Rock, Ark.

Advertisement for the printing company

CENTRAL PRINTING COMPANY

LITTLE ROCK ARKANSAS

# Diamonds in Arkansas

A Brief Account of the Discovery and  
Investigation and the

## Official Reports

OF  
Geologist and Mining Engineer

ON THE

Occurrence of Diamonds  
in Pike County  
Arkansas

COPYRIGHT, 1908  
S. W. REYBURN, TRUSTEE



## Contents

---

Directors.....	1
Statement of Original Investors.....	5
<b>INDEX SUMMARY OF REPORT OF JOHN T. FULLER ON ARKANSAS DIAMOND COMPANY'S PROPERTY.</b>	
<b>Situation and Surroundings.....</b>	<b>10</b>
Pike County, Arkansas.—120 Miles from Little Rock.	
<b>Transportation and Communication.....</b>	<b>11</b>
Rail Connection Within Six and One-Half Miles of Property.—Direct Rail Communication by May, 1909.	
<b>Topography and Climate.....</b>	<b>11-12</b>
Broken, Well Watered Country.—Climate Healthy.	
<b>Geology.....</b>	<b>12</b>
Diamond-Bearing Rock is Peridotite.—Occurs in Neck or Vent of Old Volcano.—Similar to South African Occurrences.	
<b>Description of Diamond Area.....</b>	<b>16</b>
See Map, page 15.	
<b>History.....</b>	<b>18</b>
1890 to 1908.	
<b>Extent of Property and Title to Same.....</b>	<b>19</b>
Extent Approximates 900 Acres.—Diamond Area 60 Acres.—Held on Warranty Deeds and Pur- chase Contracts.—Titles Passed On by Compe- tent Lawyers.	
<b>Operations.....</b>	<b>20</b>
Operations to Date Not Very Extensive, but a Large Number, 540, Diamonds Recovered.	

<b>Diamonds</b> .....	21
Average Quality Good.—Five Hundred and Forty Stones Found to Date, of which 505 Found on Arkansas Diamond Company's Property.	
<b>Other Reports and Technical Articles</b> .....	23
John T. Fuller, 1; Dr. Washington, Consulting Geologist, of New York, 2.	
<b>Extracts From Second Report of Dr. Washington, with Comments on Same</b> .....	23
Report Favorable.	
<b>Other Claimed Occurrences of Peridotite in Pike County</b> .....	25
Two Other Localities Claimed.—No Diamonds Found to Date.	
<b>Mining Statistics</b> .....	26
Labor Supply, Fuel, Timber, Water, Stores.	
<b>Estimates</b> .....	27-28
Cost of Plant.....\$ 66,700.00	
Cost of Operation for Six Months.. 60,000.00	
Working Capital..... 200,000.00	
Amount of Peridotite to a Depth of 20 Feet, 1,900,000 Loads of 16 Cubic Feet.	
<b>Conclusions</b> .....	30
Only Locality Known on the Western Hemisphere Where Diamonds are Found in Matrix. Expenditure of Large Capital Recommended.	
<b>REPORT OF DR. HENRY S. WASHINGTON</b> .....	31

## Statement of Original Investors.

To the Public:

About two years ago diamonds discovered in Pike County were called to our attention. The fact seemed incredible, but upon satisfying ourselves that they were genuine diamonds, we looked up the geological reports on that section, and found that Dr. J. C. Branner, now connected with the Leland Stanford Junior University of California, in geological reports made by him during the year 1890, described the soil upon the surface of which the diamonds were found as peridotite.

We then decided to spend a few thousand dollars to secure control of the land in the diamond-bearing territory, and fully investigate the possibilities of the discoveries. We obtained contracts upon the land, and then sought the best authority on diamonds in this country. On all sides we were referred to Dr. George F. Kunz of New York City as an expert authority on gems, and a geologist of international reputation.

Two of us went to New York to interview him. Dr. Kunz was very much interested, but said he could not accept the employment offered. His work as a geologist has been along scientific rather than commercial lines. However, he sent for Dr. Henry S. Washington, whom we employed to make an investigation and report for us. Dr. Kunz continued to take an active interest in the discovery, and at his own expense visited the locality, and has, as senior geologist, prepared jointly with Dr. Washington, several scientific reports relating to the diamond discovery.

Dr. Washington, after an investigation extending over a period of a year, on October 30, 1907, made a very favorable report, which is fully set out in this pamphlet.

In the late spring of 1908 Mr. John T. Fuller, an American mining engineer, returned to this country from South Africa, where for five years he had been in the employ of the De Beers Consolidated Mines, Limited, during the greater part of that time being manager of the Kimberley and Du-Toits Pan diamond mines. Dr. Kunz called our attention to him, and we were most fortunate in securing his services. On account of his years of experience in mining diamonds he