Rock&Gem

Volume 36, Number 11

November 2006

FEATURES

War and Gems
Danger surrounds the mineral treasures of Pakistan and Afghanistan

by Kiera Tara O'Brien

The Frugal Collector:

The Silicates

Part III: Vesuviante, garnet, rhodonite, hemimorphite, kyanite, and staurolite

by Bob Jones
Roadside Panning Sites in Nevada

34

Part II: Eureka, Humboldt, Lander, Lincoln, Lyon, and Mineral counties

by David and Clois Walker

The Minerals of Earth's Crust

Eight elements dominate Earth's upper layer by Bob Jones

Rock & Gem Kids

Evaporite minerals and homemade salt crystals by Steve Decker

The Riddle of Rock Art

Pictures carved—and painted—in stone by Steve Voynick

Remarkable Road Cuts

They're windows into Earth's geological past by Steve Voynick

Collecting Rocks from Space

Tips for beginning collectors by Mark Mathosian



Rock & Gem (ISSN 0048-8453, USPS 486-290) is published monthly by Miller Magazines, Inc., 290 Maple Ct., Ste. 232, Ventura, California 93003-3517, telphone (805) 644-3824. Periodicals postage paid at Ventura, CA 93006, and additional mailing offices. Single-copy price \$4.99. Subscription in U.S.A. and possessions: 1 year (12 issues) for \$24.00; 2 years for \$42.00; 3 years for \$54.00. Add \$15.00 per year postage for Canada and all other foreign countries. Submission of articles and photos by our readers is welcome, but we can accept no responsibility for loss or damage to unsolicited editorial contributions. Copyright 2006 by Miller Magazines, Inc.

Printed in U.S.A.

Notice: On rare occasions, typographical errors occur in prices listed in magazine advertisements. For this reason, advertisements appearing in *Rock & Gem* should be considered as requests to inquire, rather than as unconditional offers to sell. All prices are subject to change without notice.

POSTMASTER: Send address changes to Rock & Gem, P.O. Box 469113, Escondido, CA 92046-9113 or RockAndGem@pcspublink.com







28

50

FIELD TRIPS

Cabbage Head Quartz

Rosettes from central Pennsylvania by Robert Beard

Rockhound's Honeymoon

Part IV: Hunting Texas topaz by Kenneth H. Rohn

PROJECT

Make a Three-Stone Pendant

Using more than one stone can be challenging by Nova Wells

REGULAR COLUMNS

Craftsman of the Month6	Picks & Pans58
Show Dates8	Rock Science76
Shop Talk18	Many Facets78
Off the Dop26	On the Rocks88

ON THE COVER This beryl

and schorl specimen is a magnificent example of the minerals coming from the Shigar Valley of Pakistan. (Photo by Jeff Scovil/Herb Obodda specimen)

SUBSCRIPTION QUESTIONS? Call (760) 291-1549

BOB JONES Senior Consulting Editor; LYNN VARON Managing Editor; MARY ROBERTSON Art Director; CARRIE MEADOWS-HARTMANN Graphic Designer; JOE HOWARD Graphic Artist; DANA GURNEE Production Assistant; ROBERT BEARD, STEVE DECKER, WILLIAM A. KAPPELE, JIM PERKINS, DIANE PROKOP, KENNETH H. ROHN, STEVE VOYNICK Contributing Editors; BRIAN ROBERTS Advertising Director; SOOK GUMPEL Classified Advertising Manager; CELESTE WEINGARDT Advertising Production Manager; DRAY BANKS Advertising Production; RAMONA HARVEY Circulation Manager; JEFF SHOOP Publisher

EDITORIAL SUBMISSIONS:

Lynn Varon / Rock & Gem 290 Maple Ct., Suite 232, Ventura, CA 93003 (805) 644-3824 ext. 29 e-mail: editor@rockngem.com

64

80

ADVERTISING INQUIRIES:

Brian Roberts / Rock & Gem 11288 S. Indian Wells Dr., Goodyear, AZ 85338 (623) 327-3525 phone/fax e-mail: brian@millermags.com