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### National Geographic NGRMF200

# National Geographic Rock Collection Box (Model NGRMF200) - Instruction Manual

Brand: National Geographic | Model: NGRMF200

## 1. INTRODUCTION

Welcome to the National Geographic Rock Collection Box, a comprehensive kit designed to introduce enthusiasts to the fascinating world of geology. This set includes over 300 genuine rock, mineral, and crystal specimens, offering a hands-on learning experience for all ages. Explore diverse geological formations, identify unique specimens, and even crack open geodes to discover hidden crystal treasures.



Image: The complete National Geographic Rock Collection Box, showcasing the variety of specimens and included tools.

## 2. What's Included

Your National Geographic Rock Collection Box contains the following items:

- Over 300 Genuine Gemstones, Crystals & Mineral Specimens
- Closable Storage Bag
- Magnifying Glass
- Full-color Learning Guide
- Two Premium Geodes (for cracking)



## OVER 300 ROCK & CRYSTAL SPECIMENS!

Image: A selection of over 300 rock and crystal specimens included in the kit.

### 3. SETUP AND PREPARATION

Before beginning your geological exploration, ensure you have a clean, flat surface to work on. It is recommended to lay down newspaper or a protective mat to contain any dust or debris, especially when handling geodes.

1. Unpack all components from the box.
2. Familiarize yourself with the Learning Guide to understand the types of specimens you will encounter.
3. Keep the magnifying glass handy for close examination of details.
4. Prepare a small container or the provided storage bag for organizing your specimens.

# START YOUR COLLECTION



Image: Starting your rock collection by sorting through the diverse specimens.

## 4. OPERATING INSTRUCTIONS

### 4.1 Identifying Specimens

Use the included full-color Learning Guide to identify the various rocks, minerals, and crystals in your collection. Each specimen is described with key characteristics to aid in identification. The magnifying glass will help you observe intricate details and crystal structures.

# IDENTIFY EACH SPECIMEN WITH NATIONAL GEOGRAPHIC



Image: Using the National Geographic identification sheet to learn about different rock and crystal types.

## 4.2 Cracking Geodes

The kit includes two premium geodes, offering an exciting opportunity to discover crystals inside. Adult supervision is recommended for this activity.

1. Place the geode inside an old sock or cloth bag to contain fragments.
2. Place the wrapped geode on a hard, stable surface (e.g., concrete, a sturdy workbench).
3. Gently tap the geode with a hammer until it cracks open. Start with lighter taps and increase force as needed.
4. Carefully unwrap the geode and observe the crystal formations inside.

# OPEN TWO PREMIUM HAND-SELECTED GEODES!



Image: The process of carefully cracking open a geode to reveal its internal crystal structure.

# COLLECT DAZZLING CRYSTALS!



Image: Dazzling crystals revealed inside a cracked geode, next to other crystal specimens.

## 5. MAINTENANCE AND STORAGE

To preserve the beauty and integrity of your rock and mineral collection, follow these maintenance and storage guidelines:

- **Cleaning:** Most specimens can be gently cleaned with a soft brush or a damp cloth to remove dust. Avoid harsh chemicals or abrasive materials.
- **Storage:** Use the provided closable storage bag to keep your specimens organized and protected from damage. For display, consider a dedicated display case to showcase your favorite pieces.
- **Handling:** Handle delicate specimens, especially crystals and geodes, with care to prevent breakage.

## 6. TROUBLESHOOTING

While the National Geographic Rock Collection Box is designed for ease of use, you may encounter minor issues. Here are some common points:

- **Small Specimens:** Some specimens in the collection are naturally small. This is normal and reflects the diversity of geological finds.

- **Dust/Debris:** It is normal for some dust or small fragments to be present, especially after cracking geodes. Ensure proper cleanup of your workspace.
- **Identification Challenges:** If you have difficulty identifying a specific specimen, refer to the detailed descriptions and images in the Learning Guide. Online resources or local geology clubs can also provide further assistance.

## 7. SAFETY INFORMATION

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### **WARNING: Choking Hazard - Small Parts.**

This kit contains small parts and is not suitable for children under 3 years of age. Adult supervision is recommended for all activities, especially when using tools like hammers for cracking geodes.

## 8. SPECIFICATIONS

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Feature	Detail
Product Dimensions	9.25 x 6.3 x 2.17 inches
Item Weight	1.72 pounds
ASIN	B07TNNCSJD
Item Model Number	NGRMF200
Manufacturer Recommended Age	8 years and up
Release Date	June 26, 2019
Manufacturer	JMW Sales, Inc.

## 9. PRODUCT OVERVIEW VIDEO

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For a visual guide to the National Geographic Rock Collection Box, please watch the official product overview video below:

Your browser does not support the video tag.

Video: An official product overview showcasing the contents and features of the National Geographic Rock Collection Box.

## 10. WARRANTY AND SUPPORT

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For any questions, concerns, or support regarding your National Geographic Rock Collection Box, please contact JMW Sales, Inc., the manufacturer. Refer to the product packaging for specific contact details or visit the official National Geographic website for educational products.

National Geographic is committed to providing high-quality educational products. Your purchase supports the global nonprofit National Geographic Society in its work to protect and illuminate our world through exploration, research, and education.