

# DIGGIN'S FROM DAKOTA



MONTHLY PUBLICATION OF THE CENTRAL DAKOTA GEM & MINERAL SOCIETY

P.O. Box 2445, Bismarck, ND 58502

SERVING BISMARCK, MANDAN, AND SURROUNDING AREAS IN

NORTH DAKOTA

Gen Buresh, Editor  
DIGGIN'S FROM DAKOTA  
44 Captain Marsh Drive  
Mandan, ND 58554

**FIRST CLASS**

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Member,

Rocky Mountain Federation of Mineralogical Societies  
and

American Federation of Mineralogical Societies



- OBJECT: 1. To further the study of mineralogy and geology;  
2. To arrange field trips to collect minerals, gems, and fossils;  
3. To assist its members to improve in the art of cutting, polishing, and mounting gem material;  
4. To provide opportunities for the exchange, purchase, and exhibition of specimens and materials; and  
5. To share knowledge about gems, minerals, and activities of the Society with the general public. --Article II, CDGMS Constitution

MEETINGS: First Sunday of each month in the Hospitality Room, Capital Electric Building on Highway 83, north of Bismarck; 7:30 p.m. from April through October and 2:30 p.m., November - March. VISITORS ARE ALWAYS WELCOME.

ANNUAL DUES: Family - \$8.00; Individual Adult - \$6.00; Individual Junior - \$3.00

OFFICERS AND COMMITTEE CHAIRMEN, 1981:

President	Mary Beth Osborn	310 - 12th Ave. NW	Mandan	663-1056
Vice President	William A. Buresh	44 Capt. Marsh Dr.	Mandan	663-5397
Secretary	Jane Lanz	600 - 13th St. NW	Mandan	663-8621
Treasurer	Ronald P. Wandler	336 Shady Lane	Bismarck	255-4947
	Program Chr. Earle Campbell	1134 N. 28th St.	Bismarck	255-3658
	Hospitality (Lunch) Chr. Leota Jensen	1400 - 5th Ave. NW	Mandan	663-8217
Clip stamp on reverse side )	Field Trip Chr. Merle Lanz	600 - 13th St. NW	Mandan	663-8621
	Annual Show Chr. Don Campbell	1119 Memorial, #17	Bismarck	258-1194
	OTHER APPOINTMENTS, 1981:			
	Bulletin Editor Gen Buresh	44 Capt. Marsh Dr.	Mandan	663-5397
	Early Class Harold Brady	1401 Sunny Road	Mandan	663-3904
	Federation Rep. Bill Buresh	44 Capt. Marsh Dr.	Mandan	663-5397
	Greeter Mel Anderson	1521 LaForest Ave.	Bismarck	223-3558
	Librarian-Hist. Glenn Michaels	1700 N. 4th St.	Bismarck	258-8417
	Parliamentarian Al Hartl	1111 North 1st St.	Bismarck	258-0761
	Publicity Leota Jensen	1400 - 5th Ave. NW	Mandan	663-8217

All members are encouraged to submit articles/news for publication during the year. Advertisements from members will also be accepted for the bulletin. Material for the bulletin should reach the editor by the 10th of each month. Permission is given to reprint any article if proper credit is given.



## North Dakota's Annual GEM AND MINERAL SHOW Mandan Community Center

SEPT. 25 - 26, 1981

# DIGGIN / S FROM DAKOTA

Vol. 16, No. 1

January, 1981

NEXT MEETING: February 1, 1981, 2:30 p.m. (Beginners' Class, 1:30 p.m.)

PROGRAM: "How to Recognize the Important Rock-Forming Minerals," by Duane Robey

LUNCH COMMITTEE: Jane Lanz, Leota Jensen, and Mary Beth Osborn

\* \* \* \* \*

## PRESIDENT'S MESSAGE

Hello, everybody--

I hope all of you had as good a start in the New Year as Pat and I did-- reunions of family and friends and new plans for the future.

This year promises to be interesting for all of us in the club if we work together and share our ideas.

The Field Trip Committee has already indicated they have plans for new areas for rock hunting. This could include Montana, Minnesota, and South Dakota, as well as North Dakota. I think this is one of the best activities in the rock club. It's the one place you can go and say, "Look what I found over here," or, "What's this?" The feeling of comradeship is right there for everybody to enjoy. It's a great time to learn new things, meet new people, and acquire "new finds." I really urge all members to take advantage of these trips. You'll be surprised at how you get to know the other members you would otherwise see only at meetings.

The rest of the committees are pretty well set. I am still looking for members for the Hospitality (Refreshments) Committee.

I am also happy to say that Harold Brady has accepted the Early Class/ Pebble Pups position. This is an interesting part of the club program. It hits oddities in nature and geology that we don't cover in meetings or on trips. Come and participate!

Sincerely,

Mary Beth Osborn

\* \* \* \* \*

## CALENDAR OF EVENTS

Jan. 8-11 Denver, CO--Show, Denver Gem & Mineral Guild  
Feb. 1 Bismarck, ND--2:30 p.m. Regular Meeting, Central Dakota Gem & Mineral Society, Capital Electric Bldg., Highway 83 North of Bismarck  
Feb. 13-14 Tucson, AZ--27th Annual Show, Tucson Gem & Mineral Society  
Feb. 21-22 Harlingen, TX--17th Annual Show, Southmost Gem and Mineral Society  
Apr. 11-12 Mankato, MN--23rd Annual Show, Minnesota Valley Gem & Mineral Club  
Apr. 18-19 Hibbing, MN--18th Annual Show, Mesabi Rock & Mineral Club  
May 16-17 Hot Springs, SD--South Dakota State Gem & Mineral Show  
June 4-7 Salt Lake City, UT--AFMS and RMFMS Show and Convention  
MANDAN, ND--  
SEPT. 25-26 /NORTH DAKOTA'S SEVENTH ANNUAL SHOW, sponsored by  
CENTRAL DAKOTA GEM & MINERAL SOCIETY. Show Chairman:  
Don Campbell, 1119 Memorial Highway, Bismarck, ND 58501

AT THE LAST MEETING--Jan. 4

Thirty-seven adults and four juniors were reported present at the last meeting by Rod Hickle, acting Greeter.

The meeting was called to order by the outgoing president, Harold Brady. After disposition of old business, new officers were installed.

Upon assuming office, Mary Beth Osborn, 1981 president, thanked the members for electing her to that position. She then read Article II of the Constitution of the Society to review the purposes of the Society.

Bob Randall, show treasurer, gave a final report on the 1980 show and related that present show assets are \$1,792.17. In the absence of the Show Chairman, Bob also reported that all of the dealers have been selected for the 1981 show and that several have already returned their contracts with deposits.

A motion was passed that the Society purchase an amplifying system from funds in the Society's C.D. and that a committee be appointed for this purpose. President Osborn appointed the following committee to price amplifying systems and to recommend one for purchase: Harold Brady, chr.; Bill Buresh; and George Robinson.

A motion was passed that the Society formally approve sponsoring a show in 1981, with a change in the name of the show for 1982.

A motion was passed that a committee of five be appointed to formulate a written policy to guide show committees, and that the committee report within sixty days. President appointed the following committee for this purpose: Don Campbell, chairman; Earle Campbell; Bill Buresh; Walter Buck; and Ray Jensen.

Emma Brady, outgoing historian, requested that a note be included in the "Diggin's" stating that the first book of the historian's records for the club from 1966-1971 has been missing from the history files since she received them, asking if anyone knows of their whereabouts.

It would be greatly appreciated if anyone would report any information about this matter to Emma Brady or to the new historian, Glenn Michaels, so that the complete books of the club's history may be kept on file or in the club library.

Earle Campbell, Program Chairman, handed out suggestion forms for club programs for the rest of the year and asked that members complete the forms and return them at the next meeting. A copy of this form is also attached to the "Diggin's."

President Osborn announced the following committees for the coming year:

Program: Earle Campbell, chr.; Larry Strand; and Duane Robey  
Field Trip: Merle Lanz, chr.; Don Campbell; and Rod Hickle  
Show Committee: Don Campbell, chr.; Jane Lanz; and George Robinson

Other appointments made by President Osborn for 1981:

Librarian-Historian: Glenn Michaels  
Publicity: Leota Jensen  
Parliamentarian: Al Hartl  
Bulletin Editor: Gen Buresh  
Greeter: Mel Anderson

President Osborn stated that the remainder of the appointments would be made at the next meeting.

The door prize, an opal bracelet donated by George Robinson, was won by Carol Hickle.

The program consisted of an illustrated talk on making opal doublets and triplets by George Robinson. Many examples of opal settings in various stages of completion were passed around for viewing by members.

Lunch was served by Orma Swanick, Blossomae Campbell, and Sue Randall.

\* \* \* \* \*



HAPPY NEW YEAR,

ROCKHOUNDS

SHOW THEME NEEDED

Don Campbell, Show Chairman, reports that it is time to select a theme for the 1981 show. He requests that members bring suggestions to the next meeting for discussion so that a theme for 1981 may be selected.

\* \* \* \* \*

INCOME AND EXPENSES FOR 1980

Submitted by Carol Hickie, 1980 Treas., Central Dakota Gem & Mineral Society, for inclusion in the "Diggin's"

INCOME, 1980

Dues (68)	\$337.50
Diggin's	8.00
Silent Auctions	105.56
Lunch Money	149.12
Patches	17.00
Badges	28.00
Renewals, <u>Lapidary Journal</u>	70.00
Post Office Box (Donation from Show Treasury)	15.00
	=====
Total Income	\$730.18

EXPENSES, 1980

Kitchen Supplies	\$ 23.01
Subscriptions, <u>Lapidary Journal</u>	52.50
Stamps & Printing Supp. (Diggin's)	238.95
Cards & Flowers	27.78
Donations--Crippled Chil. Home	10.00
" Capital Electric	50.00
Federation Dues	28.35
Mail Box Rental	14.00
Library Cabinet	54.40
Office Supplies	9.31
Membership Cards & Paper	56.74
	=====
Total Expenses	\$565.04

Bank Balance as of Dec. 7, 1980--\$250.19

\* \* \* \* \*

PARLIAMENTARY TIPS, by Al Hartl

Any member may second a motion for either of these two reasons:

- (1) To show that he or she is in favor of the motion
- (2) To show that he or she is in favor of having a discussion and a vote on the motion

The person who seconds a motion is not obligated to vote for it.

DUES ARE PAST DUE

BY Gen Buresh

President Mary Beth Osborn has requested that a notice about dues be included in this issue of the "Diggin's", with a clarification of the date that dues are due.

Under "ARTICLE IV. DUES" the Constitution of the Society states: "Annual dues shall be as follows, payable at the beginning of each calendar year:

1. Family Membership - \$8.00 per year, which includes children below age twenty-one.
2. Individual Adult Membership - \$6.00 per year.
3. Individual Junior Membership - \$3.00 per year."

Although it has been customary to allow a "grace period" on the "Diggin's" and to continue to send the bulletin for a short time after January 1, for the benefit of members who might be away from home at the first of the year, according to the constitution membership ceases on January 1 for all those whose dues are not yet paid.

\* \* \* \* \*

1981 SHOW ASSIGNMENTS

A list of all chairmen for sub-committees for the 1981 show has been provided by Don Campbell, Show Chairman, for attachment to this issue of the "Diggin's." On the reverse side of the committee list is a chart with names of the dealers and booth assignments for this year's show to be held at the Mandan Community Center on September 25-26, 1981.

\* \* \* \* \*

\* MUGGLI ROCK SHOP & MUSEUM \*

\* Rough Rock - South Dakota Sand Crystals \*

\* Grit and Polish - Pro Slicer Blades \*

\* Ewald and Clara Muggli \*

\* 701 Oak Avenue East \*

\* Glen Ullin, ND 58631--Ph. 701-348-3897 \*

\* \* \* \* \*

THIS-N-THAT

..Junior member Michael Wandler was hospitalized in December with a siege of the croup. +++

..Sue and Bob Randall are planning to leave in a few days for a trip to Mexico.

..Verna Giese is feeling better after medical treatment in Rochester. +++

..Emma and Pius Fischer had to cut short their Florida vacation in December because of Emma's illness. They got caught in a southern cold spell and came back to North Dakota to get warm! Emma has been battling a bout of pneumonia but hopes to get well in time for them to use their reservations for Los Vegas later this month. +++

..Walter Buck is back at work after eye surgery. +++

\* \* \* \* \*

DID YOU KNOW---that club member Duane Robey, a science teacher at Simle Junior High School in Bismarck, has been teaching a lapidary arts class on his own time for several years? The class meets after school hours from Monday through Thursday. Ten different students are presently participating, with from five to seven present daily.

Equipment for the class includes a double six-pound tumbler, a ten-inch slabbing saw, a six-inch trim saw, and three eight-inch double-end grinder/polishers.

Duane reports that some of the young students become quite proficient by the end of the session and produce some very interesting and creative products.

\* \* \* \* \*

#### METEORITE CONTAINING 2 TYPES OF IGNEOUS ROCKS DISCOVERED

Jim Maloney/Houston Post

Another unique meteorite has been found in the Johnson Space Center collection of rocks from space, Donald D. Bogart said, "This is the first time we know of in a meteorite, and probably any extraterrestrial rock, where two different types of igneous rocks have been found in contact." Bogart is assistant curator of the Antarctic meteorite collection.

"It may be the first undisturbed contact between two igneous rocks in any extra-terrestrial rock," said Arch Reid, a visiting geologist from the University of Capetown, South Africa.

Igneous rocks are formed from magmas, molten mixtures of minerals. They are found in abundance in volcanic areas. It is common to find rocks on Earth with different types of igneous rocks.

The scientists recently began a preliminary examination of the 17-pound meteorite which they sawed in half. They also took a thin slice from one half, pieces of which will be distributed to scientists for analysis. Even a layman's eye can distinguish the two igneous rocks on the face of the sliced meteorite.

The largest part of it is fine-grained, while a smaller part is of coarser grain. Two of the more interesting features of the meteorite are globules of black glass and a blackened cavity on one side about an inch wide and 1 1/2-inches deep.

Somewhere, perhaps on a large asteroid called Vesta, billions of years ago, Bogart said it is possible that grains in a pool of magma settled to the bottom and crystallized. At some later time, there was another layer of crystallization that eventually became the second igneous rock.

Something, perhaps two asteroids colliding tore the meteorite from its parent body (most probably an asteroid). Eventually, its orbital path sent it through the earth's thick atmosphere (giving it a black, fusion crust) to the Allan Hills region in Antarctica. The glass globules were probably formed when the meteorite was wrenched from its parent body or during another collision when material was forced into the interior of the meteorite. The meteorite is classed as a shergottite, rarest of the meteorite classes. There are probably only four to six of this class known in the world. -- from AFMS Newsletter, January 1981.

\* \* \* \* \*

EDITOR'S NOTE -- With two inserts from committee chairmen, this bulletin needed only four more pages. It's not bad being a new editor when members provide 1/3 of the pages!!!! How about some "Ho-to" articles or some "Shop hints" from some of the "pro's"? G.B.

FRIDAY, SEPTEMBER 25TH      AND      SATURDAY, SEPTEMBER 26TH, 1981

COMMITTEE CHAIRMEN FOR 1981 SHOW

SHOW CO-CHAIRMAN	DON CAMPBELL - BOB RANDALL	
ADVERTISING & TREASURER	BOB RANDALL	223-1625
DEALERS	DON CAMPBELL	258-1194
PACKETS	BOB RANDALL	
DEMONSTRATIONS	GEORGE ROBINSON	255-3030
TICKETS	LEOTTA JENSEN	663-8217
CLUB SHOW BOOTH	JANE LANZ	663-8621
APPRECIATION CERTIFICATES	JANE LANZ	
EXHIBITS	BILL BURESCH-663-5397--RON WANDLER	255-4947
JUDGES & AWARDS	BLOSSOMAE CAMPBELL - SUE RANDALL	
JUNIORS PROGRAM	BLOSSOMAE CAMPBELL	255-3658
SPECIAL PROGRAMS	ROD HICKLE-794-3342-- LARRY STRAND	258-5128
SCHOOL DAY CO-ORDINATOR	SHARON SPRINGER	255-4232
SECURITY	HAROLD BRADY	663-3903
ELECTRICIAN	AL WHITE	663-8727
SWAP TABLE	DUANNE ROBEY	255-0576
SILENT AUCTION	EDNA MAUSEHUND	782-4291
TOUCH & SEE	DUANNE ROBEY	
FLOURESCENT DISPLAY	BLOSSOMAE CAMPBELL - BOB RANDALL-WILL DE GRIFF	

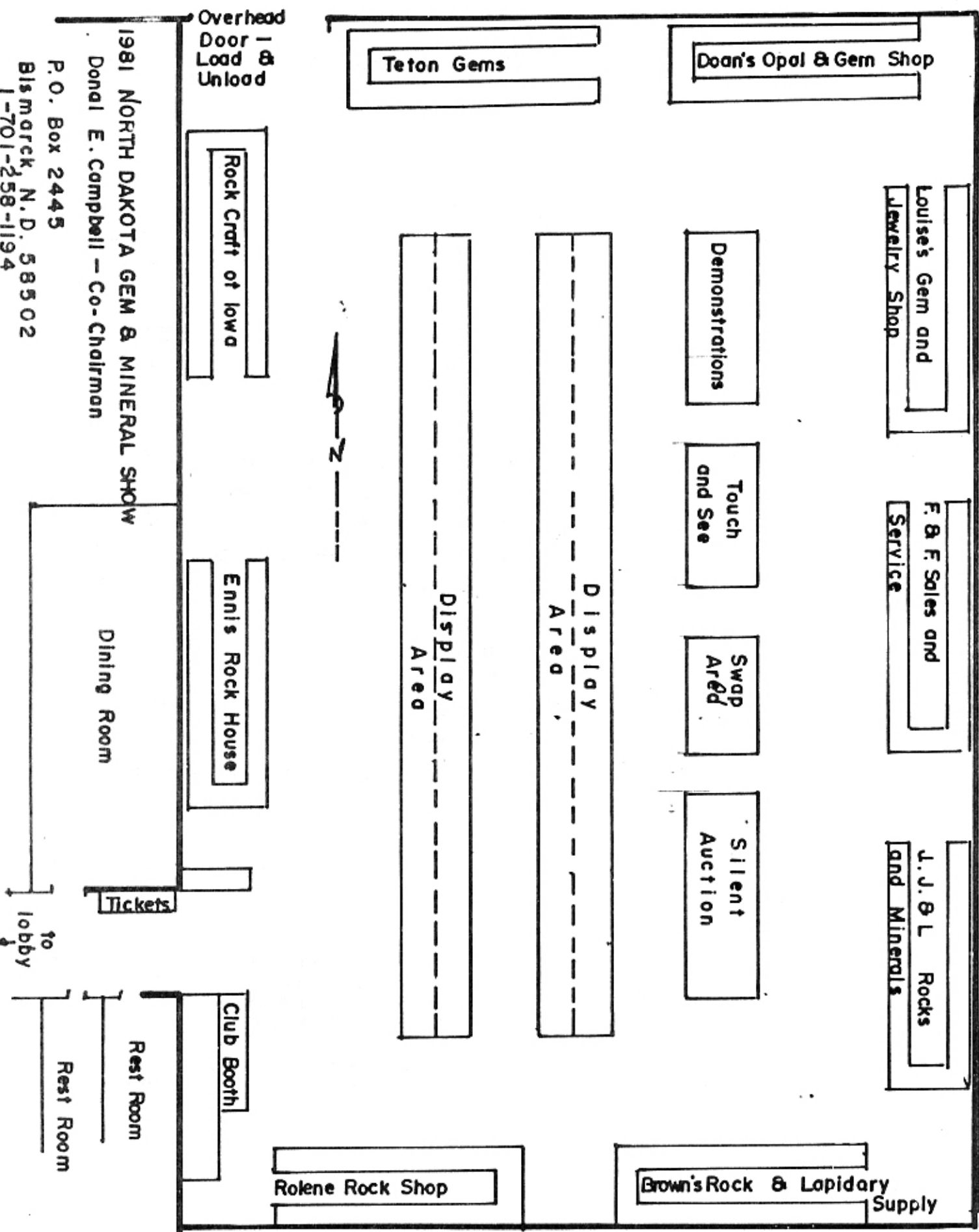
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NOW IS THE TIME FOR EVERYONE TO CALL ONE OR MORE OF THE ABOVE CHAIRPERSONS AND VOLUNTEER  
SOME TIME TO HELP OUT WITH THE SHOW.

---

AS USUAL, WE WILL BE SETTING UP AT THE COMMUNITY CENTER ALL DAY THURSDAY, SEPT. 24TH AND WILL NEED ALL THE HELP WE CAN POSSIBLY GET. THERE ARE TABLES AND CHAIRS TO BE PUT OUT IN ALL THE DEALER AND EXHIBITION AREAS, RISERS AND PLYWOOD ON THE TABLES AND SKIRTING TO GO ON ALL THE TABLES BEFORE WE CAN START SETTING UP OUR DISPLAY CASES.

PLEASE PLAN ON COMING EARLY AND MAKING A DAY OF IT, OR STAYING AS LONG AS YOU CAN. WE SHOULD BE SET UP BY NOON ON THURSDAY SO THE DEALERS CAN START SETTING UP THEIR DISPLAYS WHEN WE FINISH.



CENTRAL DAKOTA GEM & MINERAL SOCIETY  
P.O. BOX 2445  
BISMARCK, NORTH DAKOTA 58502

PROGRAMS.....PROGRAMS.....PROGRAMS!!!!!!!!!!!!!!  
WHAT KIND OF PROGRAM WOULD YOU LIKE?????? THIS IS YOUR  
CHANCE TO INDICATE YOUR CHOICES. MARK YOUR CHOICES NOW!!  
RETURN TO EARLE CAMPBELL, LARRY STRAND OR DUANE ROBEY AS  
SOON AS POSSIBLE. ALSO MAIL TO THE ABOVE ADDRESS IF YOU LIKE.

## CLASSES OF PROGRAMS

EDUCATIONAL:            \_\_\_\_\_ Geology                            \_\_\_\_\_ Display cases  
                                 \_\_\_\_\_ Minerals                            \_\_\_\_\_ Fluorescence  
                                 \_\_\_\_\_ Fossils                            \_\_\_\_\_ Other \_\_\_\_\_  
                                 \_\_\_\_\_ Safety                            \_\_\_\_\_ Other \_\_\_\_\_

COLLECTING SITES:

\_\_\_\_\_ Minerals \_\_\_\_\_ Other \_\_\_\_\_  
 \_\_\_\_\_ Fossils \_\_\_\_\_ Other \_\_\_\_\_  
 \_\_\_\_\_ Agate \_\_\_\_\_ Other \_\_\_\_\_

CRAFTWORK:

\_\_\_\_\_Lapidary Techniques

\_\_\_\_\_Jewelry Making      \_\_\_\_\_Carving

\_\_\_\_\_Carving      \_\_\_\_\_Faceting

\_\_\_\_\_Other      \_\_\_\_\_Other

OTHER:

\_\_\_\_\_ Silent Auctions \_\_\_\_\_ Other  
Other \_\_\_\_\_ Other

REMARKS:

SIGNED: \_\_\_\_\_ DATE: \_\_\_\_\_

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SEPT. 25-26,  
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NORTH DAKOTA'S SEVENTH ANNUAL GEM AND MINERAL SHOW  
MANDAN COMMUNITY CENTER ( 7 Blocks South of I-94 Exit #31)  
901 DIVISION STREET, MANDAN, NORTH DAKOTA 58554

Sponsored by CENTRAL DAKOTA GEM & MINERAL SOCIETY