



# GSSN HIGHGRADER

Issue 3 Vol. GO-XX III MARCH 1999

The Official Monthly Newsletter Of The Gold Searchers Of Southern Nevada, Inc. A not-for profit Nevada Corp.

## Prospecting Show And Tell At The April Meeting

Don't miss the April Membership meeting. We will be having a show and tell of homemade prospecting equipment following the elections.

This is your chance to bring in your homemade prospecting equipment and any other equipment to show other members in the Club. **THE MOST**

**ORIGINAL PROSPECTING  
EQUIPMENT DESIGN  
WILL WIN A  
NUGGET!!!**



Bring Your A\_\_ Out To A Club Event

### GSSN OFFICERS & BOARD MEMBERS

<b>PRESIDENT</b>	
DOUG PARKER	6
<b>VICE PRESIDENT</b>	
ROLAND LECLERC	
<b>TREASURER</b>	
HENRY MAYHUE	2
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LORNA CALDWELL	4
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GREG OLSON	

### GOLD SEARCHERS OF SOUTHERN NEVADA CALENDAR OF EVENTS & MEETINGS

MARCH	20	OUTING SECTION 34
APRIL	7	GENERAL MEMBERSHIP MEETING ORR MIDDLE SCHOOL
APRIL	14	EXECUTIVE BOARD MEETING
MAY	5	GENERAL MEMBERSHIP MEETING ORR MIDDLE SCHOOL
AUGUST	7	ANNUAL PICNIC MT. CHARLESTON
SEPTEMBER	25 & 26	GSSN'S GREAT GOLD SHOW AT NEVADA PALACE

### FROM THE PRESIDENT...

The Club is growing at leaps and bounds. I want to thank each member for their support of the Club. I want to remind all members that prospecting can be dangerous. When venturing into the great outdoors there are many hazards to be aware of. Most important, **STAY OUT OF ABANDONED MINES AND OPEN PIT HOLES.** They are very unstable and hazardous. The club files claims on behalf of members, but can not accept any liability for any loss, injury or damage caused as a result of either proper or improper mining or other activity. Let's be careful and have FUN!!!

**GENERAL MEETING  
MINUTES  
March 3, 1999**

President Doug Parker called the meeting to order at 7:00 p.m. Doug welcomed 12 guests and new members making a total of 115 members present.

A motion was made to accept the minutes as printed in The Highgrader. The motion was seconded and passed.

Treasurer Henry Mayhew gave the treasury report, after which a motion was made to accept the report subject to audit. It was seconded and passed.

Doug told us that Greg Olson has purchased a Keene 12 volt dry washer for our next raffle. Tickets will be \$5.00 for one or \$9.00 for two.

A club member said he had seen non members on our claims and wanted to know what to do. Doug said as far as the law goes on BLM land all we can do is ask them to leave. If they don't ask them to join the club.

The February Club Outing was a great success. Everyone had a good time and enjoyed Lalani's chili and found some gold.

Doug announced that Dan Green is still under the weather, but he is working very hard on the gold show. So far he and Doug have arranged to give a gold nugget away each hour of the show. Dan needs someone to do the leg work for him as he is confined to a wheelchair. If you can help give him a call at 795-

Tony, one of our members

passed out some brochures, and told us that the cowboy shooting society is having their old west outing. Everyone is invited, but please bring eye protection and a camera. The Boy Scouts will be serving lunch.

Ed Shultz was our guest speaker. He told us all about dowsing and gave some demonstrations, and showed us several different dowsing tools. He passed out some brochures from the dowsing club, and invited us to attend the meetings, and learn more.

After break Derek Mc Crachen picked the winner of the gold pick award and drew tickets for the door prizes. He received a club t-shirt for his help.

**Door Prize Winners:**

Nugget- Madeline Dayton  
Richard Davis  
Steve Metcalfe  
Katy Janda  
Todd Woodward

Sluice- Jack Hurley  
Classifier- Mike Hardison  
Mini Tool- Madeline Dayton  
T-Shirt- Madeline Dayton  
Belly Pack- Manny Orzo  
Hammer- Bill Cook  
Shovel- Fred Zajac  
Topo Map- Tom Duncan  
Atlas- Bob Kalincfelter  
Water Jug- Linda Hildum  
Ear Phones- John Young  
Scoop- Jack Bonel

The meeting concluded at 8:00 p.m.

Lorna-Secretary

**BOARD MEETING  
MINUTES  
FEBRUARY 10, 1999**

The meeting was called to order at 7:00 PM by president Doug Parker. Attending were: Doug Parker, Don Adams, Mort Lamonde, Joe Cathcart, Willie Byron, Greg Olson, Jeanne Moore, Mike Ameling, Henry Mayhue, Ron & Lorna Caldwell.

Doug reported that so far 12 people have signed for the gold class. He said he would need help with the class. If you can help him call. It will be held at Paradise Park on Tropicana and Topaz. The next field trips will be March 20th and April 24th. Hot dogs will be served.

Henry Mayhue made a motion to buy a microphone so more than one person had one, then we wouldn't go with one at meetings. Doug and Greg said they has a microphone and will try them out at the next meeting. The motion was tabled for now. Henry reported that he bought enough door prizes for the year, and our bank account is in good shape. He will have an audit after the next board meeting. He also reported that when Willie checked out our claims at Kingman, they had no record of receiving our checks for the last 2 years. Henry gave him a photo copy

*(Continued on page 3)*

## Board Meeting Minutes (Cont.)

(Continued from page 2)

of the checks to take to Kingman.

Joe Cathcart has volunteered to be our claims chairman. His duties would be to research claims, check them out, and file on them. He will also organize field trips to claims and other places each month.

Willie brought some research he had done at the BLM and gave it to Greg. Greg is filing several new claims for the Club this month. Look forward to several new Claims very soon.

Henry said he has had people ask him if we can caravan to field trips, because of possible lawsuits should a accident occur we cannot caravan.

The next item up for discussion was the gold show. Greg ordered 6,000 tickets that will be passed out to hotels, travel agents, people who attend the show, and etc. A name will be drawn each hour, posted on a board, and will remain there for the 2 days of the show for winners to claim there nuggets. A total of 12 nuggets will be given away. Our biggest problem is still advertising. It is very expensive, so a lot of research is being done to get our best options. Doug is making arrangements with a TV re-

porter, and Joe said he had some connections to a TV station and will see what he can do. Henry is going to start a record of all the expenses.

Greg is preparing gift certificates for free oil changes to donate as raffle prizes on behalf of the new Auto Pro Automotive repair facility.

The April meeting will be elections and a show and tell. A nugget will be given away for the most unique gold equipment.

The meeting concluded at 9:20 PM

## PROSPECTING CLASSES

Did you know that The Gold Searcher's of Southern Nevada sponsors and teaches a class each month on Gold Prospecting?

The classes are once a month at the Orr Middle School where we hold our monthly meetings.

The class then meets at the Outing at one of the Club's Claims usually the following weekend. For additional information, including dates and times please call Doug Parker at (

## MEETING

### GENERAL MEMBERSHIP MEETING

OUR MONTHLY MEMBERSHIP MEETING IS HELD AT ORR MIDDLE SCHOOL'S CAFETERIA LOCATED AT 1562 E. KATIE ST. LAS VEGAS, NV ON THE FIRST WEDNESDAY OF EACH MONTH AT 6:30 PM - 8:00 PM. ALL GUEST AND PROSPECTORS ARE WELCOMED. THE MAP TO THIS SCHOOL IS LOCATED IN THE REAR OF THIS PUBLICATION.

### GSSN BOARD MEETING

GSSN BOARD MEETINGS ARE HELD THE SECOND WEDNESDAY OF EACH MONTH AT THE VALLEY VISTA MOBILE HOME PARK RE BUILDING ON CABANA DRIVE. MEETINGS BEGIN AT 7:00PM ALL MEMBERS ARE WELCOME. TAKE DESERT INN TO CABANA AND TURN LEFT GO 1/4 MILE AND TURN LEFT INTO VALLEY VISTA MOBILE HOME PARK. REC BLDG. IS ON LEFT JUST INSIDE GATE.

### CLAIM'S COMMITTEE MEETING

CLAIM'S COMMITTEE MEETINGS ARE HELD THE SECOND WEDNESDAY OF EACH MONTH AT THE VALLEY VISTA MOBILE HOME PARK. THE MEETINGS ARE AT 8:00PM. THIS MEETING IS THE SAME LOCATION AS THE BOARD MEETING AND ON THE SAME NIGHT.

**THE CLUB'S PHONE NUMBER : 393-GOLD (-4653)**

**PLEASE CALL TO GET HELP ON ANY MATTER.**

**THIS IS YOUR CLUB. PLEASE WRITE THE CLUB WITH ANY COMPLAINTS OR RECOMMENDATIONS**

State of Nevada  
Department of  
Business and  
Industry  
Division of Minerals  
**Abandoned Mine  
Lands**

A Happy Ending In Esmeralda County by Bill Durbin (from Update, October 1998)

Six young men should consider themselves very lucky to be alive following a July 4, 1998 venture into the long idle Brougner Divide Mine, located eight miles south of Tonopah, in Esmeralda County. The men, all in their early twenties, including two brothers, entered the mine shortly after noon on the 4th of July to "explore." Their combined mine safety equipment included one hard hat, two small "mag" lights and a camcorder with spotlight.

After helping each other through a barbed wire fence, passing a posted warning sign, and moving a steel grating that covered the collar of the vertical, timbered, 2-compartment shaft, the group descended into the mine.

The Divide Mining District, also known as the Gold Mountain District and Gold Reef District, was originally discovered in 1901, with a major discovery of silver, gold, and lead occurring in 1917. The Divide District was the third richest in Esmeralda County after Goldfield and Silver Peak, producing some \$3.5 million in minerals. The mines in the district were extensive and deep. The Brougner Divide Mine was reportedly mined to a depth of over 500 feet with a very extensive network of drifts, stopes,

winzes and raises.

Back to our boys: As they descended to the 300 foot level of the mine, they encountered a dead rodent on a ladder landing and commented on the fact that "toxic air" might have caused its death. They proceeded on... Once on the 300 foot level, many areas of caved and slabby ground were noted. There were a few areas where it was necessary to climb over piles of caved material and broken, mangled timber supports. The individuals crossed over a winze or stope opening that had nothing over the top of it but rails, performing a potentially deadly balancing act as they crossed.

Their ultimate goal was to access the lowest levels of the mine where there were reportedly some old ore cars and the only way to reach the 500 foot level from the 300 foot level was to descend a manway that contained a rope tied to a beam. The rope was placed there by one of the men the previous year when he was exploring with another group of buddies. The manway was vertical and apparently had ladders present 30 to 40 feet below the top. The man who originally installed the rope led the way, carrying one of the "mag" lights in his mouth. He descended only a few feet before the rope broke. He fell approximately 65 feet and lay unconscious for two to three minutes. He revived shortly after but there was no way for the others to get him out of the manway.

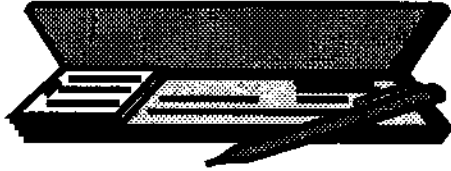
Two members of the group exited the mine to get help, taking with them the one remaining "mag" light. They drove toward Tonopah but as they drove onto Highway 95 from the mine access road, the clutch went out in their pickup and they were left stranded. As good

fortune will sometimes prevail, the first vehicle to come along belonged to an Esmeralda County Sheriff deputy. The rescue and recovery effort was put into motion via communication with Esmeralda County Emergency Management Coordinator Tony Cain. A number of entities were contacted.

Back once again to our boys: One of the men who stayed behind, impatient that help wasn't arriving soon enough, took the camcorder, and using its light to illuminate his way, started for the surface, leaving his buddies in total darkness. As he walked along the 300 level, the camcorder batteries failed and the light went out. He attempted to crawl along the bottom of the drift, feeling his way along the rail, and wound up in a long side drift that cross cut the main drift. Giving in to fear and fatigue, he lay down and went soundly to sleep!

The rescue teams arrived and pulled the fall victim out of the manway. Fortunately, his injuries were minor. He eventually required 10 stitches for a scalp laceration and had several bruises and minor cuts. He was able to climb out of the mine under his own power. Once the group was re-assembled, they realized that one of the men was missing. It took rescuers approximately 5 hours to locate the young man who had wandered off into the side drift - he was unharmed except for slight dehydration. He was found, still sleeping, at approximately 4:50 AM on Sunday, July 5.

We have, once again, reinforcement of the importance of the message: "STAY OUT AND STAY ALIVE"! We hope that others who venture into Nevada's historic mining areas will take the fences and at face value and heed them.



## HAVE YOU SENT YOUR MEMBERSHIP RENEWAL

### HAVE WE RECEIVED YOUR RENEWAL?

We have not received renewals from the following members. If your name is on this list, please complete the application on the back of this newsletter and send it to the Club with your renewal check payable to Gold Searchers of Southern Nevada in the amount of \$20.00.

#### CURRENT

Arola, John  
 Miller, Larry & Ida  
 Cathcart, Joe & Gloria  
 Kleier, Gene & Mary  
 Bradbury, Harold  
 Carlo, John C & Frances  
 Denton, Ada  
 Knowlson, Jack & Helen  
 Stratton, H. Allen & Frances  
 Rosemark, Ed & Linda  
 Eagleson, Mark & Cyndi  
 Blair, Michael  
 Benevides, Robert & Bonnie  
 Davis, Brian & Gwen  
 Leissa, Denny  
 Pooler, Bruce & Sam  
 Headman, Deloris  
 Gordon, Clifford  
 Richards, Mike & Linda  
 Malaney, Keith  
 Goehring, Ray & Myra  
 Miller, Marv & Patty  
 Foster, Rufus  
 Richardson, Jerry & Margaret  
 Norgress, Ben O.  
 McMackin, Bobby & Emma  
 Hetchler, Bill & Arlene  
 Gallo, Tony & Shannon  
 Burke, Rudy & Kerrie  
 Bradley, Harold & Debra  
 Abrromowitz, Tony & Kristie

Skaggs, Mike & Linda  
 Simak, Jim & Lorri  
 Sant, Milton  
 Purdy, Lee & Jeanne  
 Haws, Jack & Dee

#### ONE MONTH

DellaGagna & Domenick  
 Zajac, Fred & Marilyn  
 Cook, Tuffy & Rhonda  
 Nutter, Howard & Shirley  
 Plante, Gerard  
 Williams, Ron & Linda  
 Schultz, Wesley & Louise  
 Metzger, Harold & Nancy  
 Janasov, George & Lorene  
 Tiberi, Mitch & Carol Ann  
 Hubber, Harry  
 Manning, Bill  
 Caldaro, Benedict  
 Quincel, Ronald & Geri  
 Thompson, JT  
 Woods, Ron  
 Williams, Dale & Yon  
 Kettner, Otto & Marge  
 Banegas, Alex & Kathy  
 Tontsch, William & Marry Ann  
 Syzdek, Bruno & Phyllis  
 Schmutz, Don & Evelyn  
 Mayes, John & Betty  
 Kay, Clark & Jane  
 Johnson, Sam & Deanna  
 Johnson, Larry & Barb  
 Jepsen, CW & Cora  
 Hansinger, Christ & Elaine  
 Hall, Barbara  
 Doss, Tony & Margie  
 Chunan, Regis

#### TWO MONTHS

Kennedy, Ron & Susan  
 Kilgore, C. Jim & Loretta  
 Dibble, Ed  
 Picotte, Hubert & Bernice  
 Howard, Tom

Reiter, Harry & Janet  
 Dobyms, Michael & Stacy  
 Charlton, Millard  
 Hernandez, Tony  
 Alberson, Alton & Linda  
 Wright, Mike & Gabriela  
 Kimball, Floyd & Eloise  
 Sullivan, Richard  
 Mabey, Greg

#### THREE MONTHS

Sallee, Larry & Sue  
 Howard, Frank & Angelina  
 Steffen, Jim & Shari  
 Bryant, Spencer  
 Hale, Robert & Virginia  
 Picotte, Anne  
 Noland, Douglass  
 Lipey, Delmer & Verda  
 Knapp, Herschel

If you know any of these members, please encourage them to send in their renewal as soon as possible.

**Call Greg Olson,  
 Membership  
 Committee at  
 3 with  
 questions related  
 to dues.**

Thank You!!!

## WHERE'S THE GOLD? TIPS AND TECHNIQUES

*In this column each month we will try to give newcomers to our hobby some valuable tips and techniques which may help them get more enjoyment out of recreational prospecting and mining. Who knows, it may even help them find GOLD!*

*Reprinted From: Popular Mining Magazine  
November/December 1986*

## Dowsing Research Project

Tom Bryant  
Edmonton Alberta Canada

When someone mentions dowsing you can be sure you have the makings of a classic debate. It is one of those fringe practices that seems to come from the Twilight Zone to non-believers. Those people "sold" on dowsing usually feel that it is a perfectly normal and natural thing to do.

One problem the that science/art/practice of dowsing faces is the dowsing community seems to attract certain individuals that are not ideal representatives for dowsing. I suppose it's because of the sort of "mystic" air that surrounds dowsing in general that it attracts people who are definitely weird. I'm not saying all dowsers are weird -most of them are average people -but

there are a few who keep muddying the waters by putting forth theories and beliefs that are such pure trash that those people that are "normal" cannot tell where truth ends and doo-doo begins.

How can you be taken seriously when presenting data about dowsing when you've got somebody running around who is trying to convince people that his dowsing rod is possessed with a friendly spirit who guides him to water or how about the guy who tells anyone that will listen that he is one of only a select few who have the "gift?" These people choose to ignore the research that indicates that anyone can dowse to some degree. Some people are better dowsers than others just like some people are better runners than others but I'd say 98% of all people could dowse if they gave it an honest try.

As far as possessed rods or rods that do the locating science indicated pretty early on in its research that the rods themselves have little to do with the dowser's ability. The rods pendulum, e t c are only amplifiers of very small muscle twitches sometimes called the dowsing reflex.

The dowsing reflex has

been pretty well documented. That does not mean it's understood. From what I've gathered, researchers find water dowsing explainable by concluding that water as a conductor is interfering with the

dowser as an electrical machine. Electrical machines create an energy field around themselves. If that field is interrupted in some way the machine may react to that interference. People who have experienced the crazy reaction from a metal detector under high tension power lines can understand what I mean.

Since a human's electrical signals control muscle movement, interference to those signals might create a muscular reaction that could be registered by an amplifier (i.e., pendulum) as a dowsing reflex.

So science can justify (take note that justify does not mean explain) the muscle response that causes the dowsing instrument to respond.

Well obviously there must be something causing a reaction but researchers have a hard time figuring out how a dowser can have such fine sensitivity without burning out his circuits when finally locating the target. Think

*(Continued on page 7)*

## Dowsing Research Project (Cont.)

*(Continued from page 6)*

about it -if you are getting a dowsing reaction to a target 3 miles away by the time you are actually over the target the muscle spasms should be so intense that you would shake yourself apart! Dowzers seem to be able to control their own sensitivity. The real baffler is map dowsing. This is where a dowser uses a dowsing instrument -usually, pendulum to dowse over a map or photo to try to locate desired targets. Map dowsing has been successfully dowse from sites 1000's of miles away from the target. Beeches of the difficulty in establishing the mechanism of this type of dowsing and its potential for covering large areas in little time this form of dowsing warrants a lot of study. The most difficult thing that researchers face when studying this stuff is in gathering data. It takes time and money to do the dowsing and to check the data out. Private funds for this research are limited and the Government doesn't seem too eager to promote this study by contributing funds for private investigation. I don't know if this is because dowzers don't represent a large enough body of potential voters or if it's because the Government doesn't think study of I his topic is important. I take a

hard time believing that the U.S. Government does not believe in , dowsing since it went through all the trouble of training its own soldiers to dowse for locating enemy positions, etc. in Vietnam.

The Russian Government does give funding to dowsing research and as a result developments in controlling dowsing data and success ratios have been made. I would have to say that they are well ahead of us in understanding and controlling the dowsing response. It is not unusual for dowzers to be used for routine prospecting work and for archeological studies as well.

Despite the many serious dowzers in our countries, research still has a long way to go.

Now the reason that I have been carrying on about dowsing is that my own studies of this stuff has reached a point where I want to expand my area of investigation. So.... welcome to the Tom Bryant Dowsing Research Project.

This project has a couple of parts.

1. Gather case histories -I want to know about your experiences with dowsing but

Mullens, Michael & Penney

spare me from 3rd, 4th or 5th hand experiences. We all know of somebody who knows somebody who has a good friend whose Grandfather can find anything you ask him to with just a couple of bent coat hangers, I cannot use this stuff! !! I need conformable stories. That means times-dates-names -results, etc. I want data on all facets of dowsing from water witching -mineral locating-treasure -lost articles or persons, etc.

Don't be afraid to write me and tell me about dowsing that didn't work as I need data that is both positive and negative.

2. This part deals with map dowsing. I have set up a test that will use map dowsing to outline desired targets. At the end of this project which could take at least a year I

*(Continued on page 8)*

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## Dowsing Research Project (Cont.)

(Continued from page 7)

2. This part deals with map dowsing. I have set up a test that will use map dowsing to outline desired targets. At the end of this project which could take at least a year I should have data that will give some insights into how it works -why it works and how to make it work better. Of course I could also prove that it doesn't work at all except for pure chance or subconscious observations. A subconscious observation is where a person would see something that would give a hint to where the target might be but he is so involved in concentrating on dowsing that he doesn't see that hint consciously. Many little hints could be given that the conscious mind does not register but the subconscious mind does. All this would lead the dowser to get a response but deny that he made the dowsing instrument respond consciously. Anyway I hope to establish sufficient controls to minimize this occurrence.

For this test I need raw material and I'm asking you people out there for help. In order to give this test sufficient statistical background I need a pile of locations to test and reports on results from people checking dowsing data

in the field. I need people to send me maps of areas they are currently prospecting and give me an idea of what they are looking for. I will plug these maps into the experiment and have them dowsed. The maps will be sent back with targets (if any) marked for you to check out. I will then expect feedback on the results. I need to know if the locations given by map dowsing were right on -close or duds.

The only wrinkle in this program is that it will cost you \$10 for each map with up



to 5 locations per map for that \$10. I can't afford to cover the costs of this research myself (this is exactly the stumbling block to research up to this time) so I'm hoping that you will be willing to "bet" \$10 that the map dowser is having a good day.

Please allow 3 to 6 weeks for the dowsing to be done as it takes time to keep things organized and controlled. I

am not guaranteeing the results to be correct. Heck that's another thing that has hurt the credibility of dowsing research is that group of people who so desperately need your respect or money that they will give you a result even if it's not correct. Sometimes it's easier to cheat or trick somebody than to do the actual dowsing and not have a result. I have not met any dowsers like that but I have heard of them. I think it's because it is so hard to deal with the inconsistency of the results. A person who has impressed others with his/her ability may find himself unable to come through sometime. At that point he has two choices (1) admit his inability and risk ridicule or loss of income -or -(2) Fill in the gaps by faking it and hoping they don't get caught. Uri Geller is a good example of this. He may have actually been able to bend spoons, etc. sometimes but to do it with the consistency he was asked for, he found it easier to fake it when and if he couldn't do it with his mind. Once caught faking it, however, all of the results he had gotten to that point were written off as fakes. So even if he had actually been able to bend spoons and keys, with his mind nobody will believe him now! The same thing could happen

(Continued on page 9)



## Dowsing Research Project (Cont.)

(Continued from page 8)

article and eagerly await your response I want to make a few things very clear.

1. This is not an attempt to replace or undercut professional dowsers. Anyone who labels themselves as professional dowsing services must be pretty confident of success. I cannot make any such claims although the results should be just as good. You might want to use data from this experiment to compare with a professional's data or visa versa.

2. Dowsing at its best cannot replace the accept the prospecting methods. Landsat, Geochemical, VLF, Self Potential, etc. are essential data tools. All dowsing can do is compliment these tools to give you better chances of success. Actually if you wanted to do a highly accurate job you would "stack data"

i.e., Satellite photo interpretation and map dowsing. The two types of data are gathered from different sources and compared. If they agree so much better the chances of success. \*Note: The person who does the photo interpretation should not do the dowsing and visa versa as pre-conceived ideas

will compromise the results.

You could use the dowsing data to outline an area for prospecting. You could even outline potential target areas but before you haul in a drill you had better at least do a Geochemical survey.

There is no way to cover dowsing in this article but if sufficient interest is expressed, I will be happy to give more information on this subject in future articles.

I will of course report on what I'm finding out from my research project. Please end your information to: MDR Project, Attn: Tom Bryant, 223 Creston Place, Edmonton, Alberta, Canada T5A1X4.

*Reprinted from: Popular Mining Magazine (November-December 1986)*

### THE Lifestyle STORE

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## DESERT OUTFITTERS

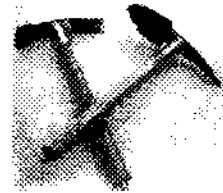


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## Y 2 K

From Dan Green

I do not want to sound like the Apocalypse is upon us but a few simple items can help you prepare. Please assemble the following items over the next 6-9 months. Store these in the basement in the back storage room on a shelf. If you never need them... nothing is really lost but some storage space.

**Gather items:**

1. 15-20 gallons of drinking water
2. 2 lbs. of powdered milk
3. 10 boxes of cereal
4. 6-7 containers of oatmeal
5. Space heater with 2000+ BTUs
6. 5 gallons of heating oil (for space heater)
7. 5 containers of propane (you can use barter or torch for heating food)
8. 40 cans of soup, beans, fruit
9. Portable radio for AM/FM with ample supply of batteries
10. 3 powerful flashlights with ample supply of batteries
11. 3-4 boxes of candles (12 candles per box)
12. Ammo for .357 shotgun
13. 3-4 sheets of plywood (boarding up windows)

As all of you might know rumors have gone around how all of the computers are going to shut down in 2000.

We would like to thank Dan Green for the list which he has given us.

If you have a prospecting story you would like to publish, please send your story to:

**Greg Olson**  
**HIGHGRADER Editor**  
**PO Box 93476**  
**Las Vegas, NV 89193**

**We welcome your stories and other information to share with fellow members of our Club.**



Did you find your name in this month's Highgrader? If so you are a winner of 7 free door prize raffle tickets!!!! There are 5 names hidden throughout the newsletter. This is what you do..... locate your name in The Highgrader next locate Greg Olson at the meeting and tell him, "Greg! Guess what I won the 7 free door prize raffle tickets!" Then he will kindly give you what you deserve a chance to win any of the raffle prizes on the table!! Wow! That's deal.....so, find your



Win Doorprize Raffle Tickets

## Did You Notice



### New Highgrader Appearance

Did you notice that the Highgrader has changed?

Take a look, it is not stapled at the left corner, rather it is now conveniently folded like a magazine, and no more nasty staples to rip out while opening the Highgrader.

We would like to thank Roland LeClerc for recommending American Business Services to show our modernized new look. If you have any questions or comments on The Highgrader please feel free to contact Greg at 256-8572.

We hope you find this publication educational, informative and entertaining.

## Summer Heat Waves Can Cause Risk for Dehydration

Whether you are lounging poolside, playing tennis or simply watching T.V. at home, it is essential to consume plenty of fluids during summer heat waves.

On average, an adult's body weight is made up of about 10 to 12 gallons of water (about 55 to 75 percent of body weight). An elderly person's body weight is only about half water. But, when exposed to extremely high temperatures, your body requires even more water to maintain its normal temperature.

Extreme weakness and potential heatstroke may result if more than 10 percent of body weight is lost from dehydration or water loss. And the average adult loses about 2 1/2 quarts (about 10 cups) of water daily through perspiration, breathing and other body functions.

What are the signs of dehydration?

The effects of the body's loss of water are progressive: thirst, then fatigue, next weakness, followed by delirium and, finally, death. Though dehydration typically won't happen over the course of a

single day, it is important to pay attention to signals of water loss and minimize risk of dehydration by drinking plenty of fluids throughout the day--before thirst sets in.

What's to drink and how much?

Of course, the most important fluid to consume is plain water, at least 8 to 12 + 8 ounce cups per day. If you are physically active, you should add one to three cups for each hour of activity. If you prefer a flavored beverage, milk and fruit juice are good options that provide other nutrients or try sports drinks or decaffeinated beverages (caffeine can act as a diuretic, causing water loss). Alcoholic beverages have a diuretic effect and promote water loss, so try alternating them with water or sparkling water at parties and social gatherings.

The bottom line is that if you keep yourself fueled with plenty of water, your body will perform better, you will have more fun for any extended period of time outdoors and that just might give you the edge you need to find that illusive gold nugget hiding just up ahead.

### McCaw School of Mines

Vice President, Daniel Green has announced the dates and times for the panning classes for the students visiting the McCaw of Mines. We urge all members to attend this special tour and show our support for this "Very Worth-while" project. Each tour lasts approx. two hours.

For additional information regarding the school call Daniel Green at

April	05	10:00am
	06	9:30am
	07	10:00am
	08	10:00am
	09	10:00am
	12	10:00am
	13	10:00am
	14	10:00am
	15	10:00am
	16	10:00am
	19	10:00am
	20	10:00am
	21	10:00am
	22	10:00am
	22	10:00am
	23	9:30am
	26	10:00am
	27	10:00am
	28	10:00am
	29	10:00am
	30	9:30am

These are all forth and fifth grade students that are scheduled to visit the mine for about two hours on the above dates and times.

We would sincerely appreciate your help in working the tour of the mine. All helpers are provided a script of what to tell students and are given a certain area of the tour to help with.

We need your support!

Please call Dan Green at 795-0383 for additional information and directions to the mine school.

**THANKS FOR**

# FACTS ABOUT MINING, IN ARIZONA AND OTHERWISE

by H. Mason Coggin

Entirely too many people believe that buying fried chicken in a box somehow avoids killing the chicken. Too often we flip on lights or television without realizing that approximately 600,000 tons of copper and aluminum wire connect us to a coal fired power plant where 55% of this nation's electrical energy is generated. A pound of coal will run your TV for three hours, or wash and dry a load of laundry.

We somehow forget that every pound of copper we buy and bring home to plug into the wall requires the removal of about 1,000 pounds of waste rock. It's a lot like chicken or beef: if we didn't raise the steer or see the coal burned, we aren't doing it. But, we are responsible for it.

*Society chooses how it uses mineral resources. Mining, like ranching, farming and logging, is a commercial enterprise. If society didn't use our products and pay us for producing them, we wouldn't do it.*

## Society creates need

Metals and minerals are concentrated through geologic processes; however, society makes them into valuable mineral resources or ore deposits. Mineral

resources are a concept formed in the minds of the people who have identified society's need for mineral products. A mineral deposit is determined by what society wants and what they are willing to trade for it. In the case of copper, Arizona's have been mining copper for nearly 150 years.

Arizona has been America's largest copper producing state for more than 70 years. *Thanks to new technology, today we have more measured copper reserves in place in Arizona than ever before.* This is the result of society's demand and the technological advancements by the people who want to make money by filling that demand...

Our deposits will last as long as society wants copper. In "ghost" towns like Bisbee and Tombstone... there are still deposits of copper and silver in the earth, and when society is willing to pay the cost, these mines will be worked again.

## Damage Produced by Mining

How much damage does it produce every time mining occurs? That depends on your definition of damage, and it is a very rhetorical question. If a tree falls in the forest and no one is there to hear it, does it make any noise? If the earth is disturbed in areas where nothing lives and no one goes, is it damaged?

If mining is reclaimed, is there damages or benefit? Is damage something like art and only in the eye of the beholder?

If scrub land is reclaimed and turned into productive farm land after mining, is it damaged? If earth had no use other than what was beneficial to mankind, was it damaged?

## Positive effects of mining

I cannot think of anything that I use at work, home or play that was not mined directly or depended upon things that were mined for their manufacture. My car was mined and so were the roads I drive on. My house was mined; or at least the tools that built it were.

My computer was mined. So was the television, desk, tables, chairs, walls, ceiling, foundations and roof.

All the food I eat was harvested, processed, packaged and delivered by tools that were mined. All my tools and toys were mined, including my four-wheel drive vehicle, camera, video camera and medical instruments. Everything that runs was mined and is powered by coal, oil or uranium.

Mining in Arizona brings about \$50 billion into the state each year, and about 70,000 people who live in Arizona are either employed by mines or sell goods and services to the mines.

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# WHAT A GEM!



## ROCK AND GEM SHOW

The 1999 Rock and Gem  
Show will be held at the  
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Henderson Nevada.  
Setup will be held on  
Thursday April 15.

They are expecting 400  
children to arrive by school  
bus on Friday April 16,  
1999. The Gold Searchers  
of

Southern Nevada are  
invited to participate in this  
annual event. A booth will  
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A Not-for profit Nevada  
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*What is the Gold Searchers  
of Southern Nevada?*

It is a local, non profit, Las Vegas Club comprised of members from all walks of humanity. Be it young "Greenhorns" or "Seasoned Prospectors." Some members are experts in such fields as Geology, Mineralogy, and even Mine Engineering. Some are Couchpotatologists. But most of all, members have a common love of their freedom to explore the "Great Outdoors."

*GOLD FEVER* spurs a lot of us to get out and extract enjoyment out of our mother earth, and learn more about her hidden wealth. There's a wealth of knowledge to be obtained, and friendships to be made. Lest we forget, the wealth of excitement in finding that beautiful, yellowish metal called **GOLD!**

Though finding **GOLD** is not our sole priority (we do public service for the mining industry, such as teaching scouts,

**(702) 393-GOLD**

and public school students how to pan gold), it is, however a lot of what we are about.

We are a fun-loving bunch that welcomes new members, and we gather together on the first Wednesday of each month at 6:45PM, at the ORR MIDDLE SCHOOL, 1562 E. Katie, Las Vegas. We voice our opinions as one on such matters as land use, and mining laws. Also, to help others who have become aware of our recreation or livelihood. We teach how to use mineral rights without abusing them, and work to protect our rights to continue in our prospecting interests. The majority of our members own a Metal Detector. Our Club plans field trips where such an instrument could help unearth that precious metal. Others in our Club put more trust into known gold extracting equipment, such as Dry Washers or Recirculating Sluices. Some of their equipment is handmade, and some of it is store bought. Being in a local Club, such as ours, can help you to see and use a variety of mining equipment first hand in a location known to produce **GOLD**.

Our Club is open for your inspection. You may attend

**Hull, Robert P.**

TWO GENERAL MEETINGS and/or go one FIELD TRIP with the GOLD SEARCHERS OF SOUTHERN NEVADA free of charge. After that, simply join the Club for a mere membership fee of \$35.00 for the first year and \$20.00 each year thereafter. This is a "FAMILY MEMBERSHIP" which includes all your immediate family. Once you join, you receive the Club's monthly newsletter, **THE HIGHGRADER.** The HIGHGRADER contains news from the general and board meetings, upcoming field trip information, articles relating to prospecting, and you may even submit your own articles or place an ad in the Free Classified section for publication. We would love to have you join our Club! A membership application is in this issue for your convenience. Simply complete and enclose your check for \$35.00 then either bring it to our next meeting or mail to us at:

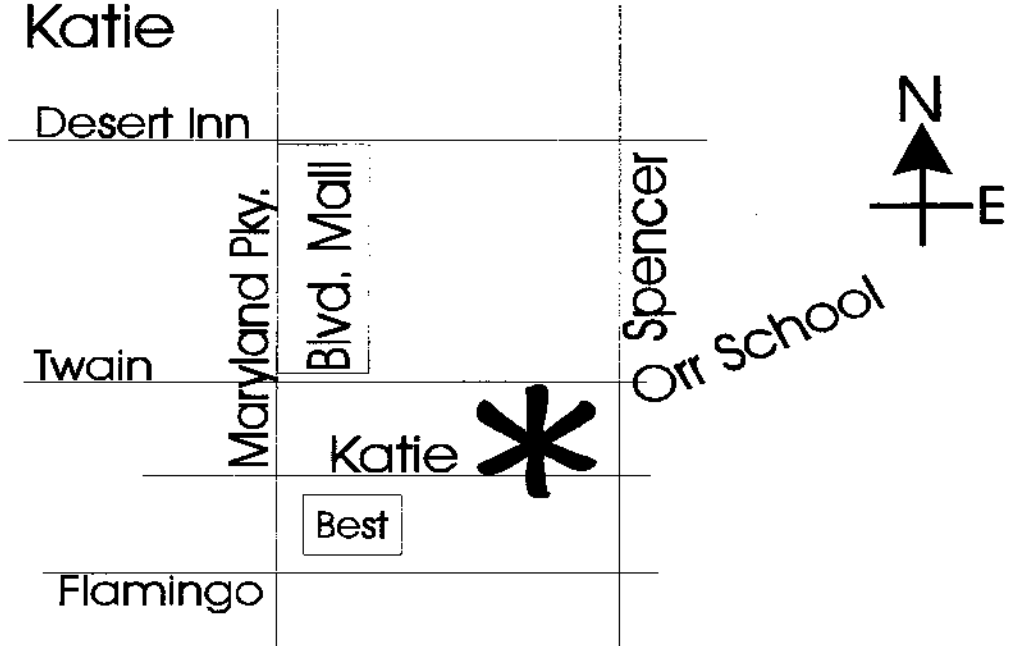
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Las Vegas, NV 89193**



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1562 E. Katie



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Due to the nature of gold prospecting and/or recreational mining activities, you and/or your family are hereby forewarned that it can be dangerous and hazardous. These activities are most often outdoors and often in remote areas. You and your family are responsible for your own safety, Gold Searchers of Southern Nevada, Inc. is not and shall not be held responsible for any and all damages and/or injuries that might occur during any Club activities or events.

Dues are \$35.00 for the first year (single or family), renewable at \$20.00 annually on the month joined. Club name badges or Club hats are \$5.00 each. Make checks payable to "GOLD SEARCHERS."

Bring to meeting or mail to:

Gold Searchers of Southern Nevada  
P.O. Box 96732  
Las Vegas, NV 89193

Name \_\_\_\_\_ Spouse \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Home Phone: \_\_\_\_\_ Emergency: \_\_\_\_\_

E-MAIL ADDRESS: \_\_\_\_\_

# GSSN LIST OF LIBRARY MATERIALS AVAILABLE TO CHECK OUT BY MEMBERS

The following is a complete listing of all books, tapes and video materials currently available for members free of charge. All materials may be checked-out for one month at a time by calling the librarian, Susan Bengé at 642-8972

1. GOLD MINER'S SECRETS ON REFINING GOLD & SILVER (2)
2. GOLDEN RULES TO YANIDE LEACHING & RECOVERY (2)
3. OLD TIMERS GUIDE TO AS-SAYING GOLD & SILVER
4. INTRODUCTORY PROSPECT-ING & MINING (2)
5. MINES OF THE EASTERN SIERRA
6. PROSPECTING FOR GOLD MIN-ERS
7. THE WEEKEND GOLD MINER (5)
8. HOW & WHERE TO PROSPECT FOR GOLD -2
9. DOWSING FOR EVERYONE
10. ADVANCED PROSPECTING & DETECTING FOR HARD ROCK GOLD
11. ELECTRONIC PROSPECTING
12. SUCCESSFUL COIN HUNTING
13. DIG HERE!
14. SHIPWRECKS & TREASURES
15. THE MOTHER LODE
16. THE GOLD HUNTER'S HAND-BOOK
17. PRINCIPAL GOLD PRODUCING DISTRICTS  
OF THE UNITED STATES
18. FIND AN OUNCE OF GOLD A DAY
19. TREASURE QUEST (2)
20. MODERN METAL DETECTORS
21. TREASURE HUNTING PAYS OFF
22. ROCKS & MINERALS
23. MODERN ELECTRONIC PROSPECTING
24. PROFESSIONAL TREASURE HUNTER

25. GOLD! GOLD! A BEGINNERS HANDBOOK  
& RECREATIONAL GUIDE
26. THE NEW SUCCESSFUL COIN HUNTING
27. NEVADA HISTORICAL MARKER GUIDE  
BOOK
28. MINES OF CLARK COUNTY
29. COIN SHOOTING II DIGGING DEEPER  
COINS
30. THE ART OF DRY WASHING OR FINDING  
GOLD IN THE DESERT
31. DRY WASHING FOR GOLD (2)
32. DESERT SURVIVAL HAND-BOOK
33. MODERN TREASURE HUNT-ING
34. GOLD MINING IN THE 1980'S (2)
35. TREASURE HUNTING AN-NUAL
36. NEVADA BUREAU OF MINES & GEOLOGY
37. WHERE TO FIND GOLD & GEMS OF NV (2)
38. FIELD GEOLOGY
39. GEMSTONES - PLANET EARTH



40. PHYSICAL GEOLOGY
41. MINERAL RESOURCES
42. PHYSICAL SCIENCE
43. THE HISTORY OF THE COM-STOCK LODE  
1850 - 1920
44. PRINCIPLES OF GEOLOGY
45. THE NEW GEOLOGY
46. QUANTITATIVE CHEMICAL ANALYSIS
47. THIS EARTH OF OURS PAST & PRESENT

48. CARTOGRAPHIC METHODS
49. EARTH
50. PHYSICAL GEOLOGY
51. FOCUS ON EARTH SCIENCE
52. GEOLOGY IN THE FIELD
53. STRUCTURAL GEOLOGY OF THE MT.  
STERLING QUADRANGLE,  
NEVADA &  
RELATED MODEL EXPERI-  
MENTS
54. FINDING GOLD NUGGETS
55. INTERNATIONAL SERIES IN THE EARTH & PLANETARY SCI-ENCES
56. STRUCTURAL GEOLOGY - 2ND EDITION
57. STRUCTURAL GEOLOGY - 3RD EDITION
58. GEOCHEMISTRY OF HY-DROTHERMAL ORE DEPOSITS
59. DOWN TO EARTH
60. MAN AND HIS GEOLOGIC ENVIRONMENT
61. RICHES FROM THE EARTH
62. EARTH MATERIALS
63. EARTH 3RD EDITION
64. GEOLOGY & MINERAL DE-POSITS OF SOUTHERN NYE COUNTY, NV
65. GEOLOGICAL SURVEY RE-SEARCH - 1962
66. GEOLOGICAL SURVEY RE-SEARCH - 1966
67. RADIOACTIVE MINERAL OC-CURRENCES IN NEVADA
68. THE RESTLESS EARTH
69. THE EARTH
70. EXPLORING & MINING GEMS & GOLD IN THE WEST
71. MINERAL & MEN
72. MINING DISTRICTS & MIN-ERAL RESOURCE OF NEVADA
73. MINES OF SILVER PEAK RANGE, KAWICH RANGE, & OTHER SOUTHERN NEVADA DISTRICTS
74. THE COLLECTOR'S BOOK OF FLUORESCENT MINERALS

(Continued on page 17)

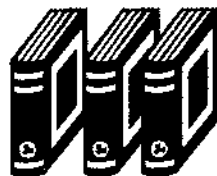


# GSSN LIBRARY (CONT.)

(Continued from page 16)

75. ROCKS & MINERALS - COLLECTOR'S SERIES  
 76. THE ROCK BOOK  
 77. JASPEROID IN THE UNITED STATES - IT'S CHARACTERISTICS, ORIGIN, & ECONOMIC SIGNIFICANCE  
 78. THE CRYSTAL BOOK  
 79. CRYSTALS AND THEIR USE  
 80. GEOLOGY OF THE CAMP DOUGLAS QUADRANGLE MINERAL COUNTY, NV  
 81. NICKEL DEPOSITS IN COTTONWOOD CANYON CHURCHILL COUNTY, NV  
 82. RADIOACTIVE MINERAL OCCURRENCES IN NEVADA - UPDATE  
 83. JOURNALS OF THE FLUORESCENT SOCIETY 1974 - 1987  
 84. THE COLLECTOR'S ENCYCLOPEDIA OF BOOKS & MINERALS  
 85. GOLD DIGGERS ATLAS - 2  
 86. SAM RADDING'S BOOK OF PLANS  
 87. GOLD FEVER - THE ART OF PANNING & SLUICING - 3  
 88. POISONOUS DWELLERS OF THE DESERT  
 89. THE WORLD OF MINERALS  
 90. GOLD RUSHES OF NORTH AMERICA  
 91. PLACER GOLD DEPOSITS OF NEVADA - 3  
 92. NEVADA MINING AND YOU  
 93. EXPLORING CALIFORNIA BYWAYS  
 94. PROTECTIVE ATMOSPHERES  
 95. BRIEF COLLEGE CHEMISTRY  
 96. GEOCHEMISTRY IN MINERAL EXPLORATIONS  
 97. CHEMICAL INVENTIONS & CHEMICAL PATENTS  
 98. REFERENCE BOOK OF INORGANIC CHEMISTRY  
 99. CHEMISTRY - THE SCIENCE OF TODAY  
 100. THE SCIENCE OF CHEMISTRY

101. THE EXTRACTIVE METALLURGY OF URANIUM  
 102. ECONOMICS OF THE MINERAL INDUSTRY  
 103. MINERAL PROCESSING PLANT DESIGNS  
 104. MINERAL DEPOSITS  
 105. ANTIMONY  
 106. ORGANIC REGIONS  
 107. CHEMICAL ANALYSIS BY FLAME PHOTOMETRY  
 108. STATISTICAL COMPENDIUM  
 109. GEOLOGY & MINERAL RESOURCES OF WHITE PINE COUNTY  
 110. GEOLOGY & MINERAL RESOURCES OF WASHOE & STOREY COUNTIES  
 111. MINING CLAIMS & PROCEDURES IN NEVADA 1981  
 112. MINERAL RIGHTS IN ARIZONA  
 113. TALES OF THE SUPERSTITIONS - 2  
 114. HOW & WHERE TO PAN FOR GOLD  
 115. HANDBOOK OF TREASURES & SYMBOLS  
 116. TREASURE SIGNS & SYMBOLS  
 117. THE STERLING LEGEND - 2'  
 118. GHOST GOLD  
 119. ARIZONA GOLD PLACERS & PLACERING - 3  
 120. MINES OF THE MOJAVE  
 122. LOST TREASURES ON THE OLD SPANISH TRAIL  
 123. THE AMAZING LITTLE CAMEL AUTOMATIC GOLD PANNING MACHINE  
 124. YOU CAN SURVIVE IN THE OUTDOORS  
 125. FORGOTTEN MINES &



TREASURES OF THE GREAT SOUTHWEST  
 126. SUPERSTITION GOLD MINES & THE LOST DUTCHMAN  
 127. THE LOST DUTCHMAN MINE  
 128. NUGGETSHOOTING DRY-PLACER AREAS  
 129. SUCCESSFUL DRY WASHING  
 130. LOST BONANZAS  
 131. LOST MINES & BURIED TREASURES OF THE SOUTHWEST  
 132. LOST MINES & HIDDEN TREASURES  
 133. BURIED TREASURES & LOST MINES  
 134. GOLD PLACERS & PLACERING IN ARIZONA  
 135. HOW TO BUILD & OPERATE THE SLUICE BOX  
 136. GEOLOGY - A BARNES & NOBLE OUTLINE  
 137. VLF - TR METAL DETECTING HANDBOOK  
 138. A GUIDE TO TREASURES IN UTAH  
 139. OUT FROM LAS VEGAS  
 140. THE WEEKEND TREASURE HUNTER  
 141. MODERN PROSPECTING FOR PLACER GOLD (THE GOLD-SPEAR METHOD)  
 142. PLACER GOLD DEPOSITS IN ARIZONA  
 143. ARIZONA TREASURE HUNTERS GHOST TOWN GUIDE  
 144. CALIFORNIA GHOST TOWN TRAILS  
 145. THE ADVANCED HANDBOOK ON MODERN METAL DETECTORS  
 146. PRACTICAL PHYSICS  
 147. ELEMENTS OF CHEMICAL ENGINEERING  
 148. A GOLDEN GUIDE GEOLOGY  
 149. THE URBAN TREASURE HUNTER  
 150. NEVADA GHOST TOWN TRAILS  
 151. NEVADA LOST MINES & BURIED TREASURES

(Continued on page 21)

# HOT MEMBER ADVERTISING

This is the new advertising section established for our members who offer products and services. Shop these ads each month and please support our members. If you are interested in advertising your product or service on this page contact **Greg Olson at 313-2600**. Ads are only \$20 for six months. Ads may be customized for you.

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## SEARCHLIGHT EARLY NEVADA MINING CAMP

Reprinted From *International California Mining Journal* November 1997

by Phillip I. Earl

The Nevada Historical Society's

"This: Was Nevada" Series

For many years, Nevada's mining camps have been written of in quaint, anecdotal fashion with very little depth and scant understanding of life as it was. This approach has now been supplemented by new, intensive research techniques and studies which focus upon such communities as "urban oases" on the "mining frontier."

In "The Camp Without a Failure: Searchlight, 1903-09," published in the Fall 1996, issue of the *Nevada Historical Society Quarterly* Bruce Alverson, a graduate student in history at the University of Nevada, Las Vegas, takes up the chronicle of one of southern Nevada's premier camps in the first decade of this century.

The history of the various mining operations is detailed in terms of finance, promotion, production and decline. Considerable attention is paid to periodic labor troubles which plagued the camp. Of particular interest is the saga of transportation—freighting, stage lines, railroads and the coming of

the automobile—and the development of Searchlight's infrastructure—the town's water system, the ice plant, electrification and the telegraph and the telephone systems. Searchlight had public tennis courts, a public library, a community hospital and a public school—hardly the "wild west" most readers are accustomed to hearing about, but important elements of the history of the mining frontier.

The author also details the history of Searchlight's business community, the hotels, banking and journalism. In this connection, he comments upon boosterism and community promotion during the camp's growth phase.

He also gets into politics—the conflict which developed over moving the county seat from Pioche to either Las Vegas or Searchlight or creating a new county out of the southern section of Lincoln County. There were heated arguments over municipal incorporation in 1907 as well.

Searchlight's decline mirrors that of other Nevada Camps—the playing out of the richest ore bodies, the consequences of the financial panic of 1907 and the failure of the leasing system which followed in the wake

of the boom. This issue of the *Nevada Historical Society Quarterly* is available at the Reno Museum at a cost of \$6.00. By mail, the cost is \$7.50, postage included. Write the

Nevada Historical Society, 1650 North Virginia Street, Reno, Nevada, 89503.

For further information call (702) 688-1191.

#### Mining Plans Yield Historical Payoff

Gillette, Wyoming (AP)—Whatever mineral bounty results from Cordero Mine's decision to extend coal mining into the canyons west of its operation, the project has already yielded an historical jackpot. The decision to excavate the site came after Cordero finished a required survey to identify possible historic sites. Archaeologists suspect erosion along the Belle Fourche River brought dozens of artifacts, including pottery pieces, to the surface.

Crews that worked throughout the summer found a large campsite used repeatedly over hundreds of years—perhaps as recently as 800 years ago—by a group of people never before recorded so far west, said Casper archaeologist John Albanese. It's "one of the

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## Searchlight (Cont.)

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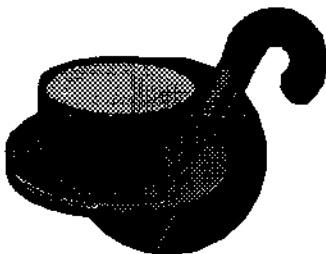
more exciting ones in all the years I've been in the business," he said. The discovery of the Middle Missouri people in Wyoming is remarkable because it shows they apparently traveled up to 900 miles each year—before horses were introduced in North America—to hunt bison. The campsite, which is about 1,000 feet by 400 feet, is the first of its kind in the state, he said, adding that to know they traveled so far from home gives a different perspective on how these people lived.

A backhoe initially dug trenches crisscrossing the area, exposing layers beneath the sagebrush-dotted surface. Four or five small excavation sites were then dug by hand to different depths.

"We could literally spend 20 years here," he said, "but we'll have an adequate sample where we'll be able to tell what was going on. With the size being what it is and all the multi-scientific disciplines being brought into it—plants and animals and soils and that type of thing are being analyzed—we'll have a good idea of past climates and the whole environment." Although the archaeological work at the site has been closed, scientists will continue to learn more about it as they sift through the contents of sandbags that had been packed and shipped for future analysis.

*International California Mining Journal/November 1997*

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