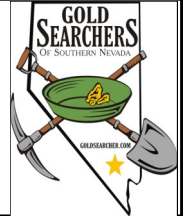


JULY 2014



# HIGHGRADER



## Gold Searchers of Southern Nevada

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

### Outings and announcements

#### Officers and

#### Standing

#### Committees.....

- \* President-John Roberts
- \* Vice President- Ian Thaler
- \* Treasurer-Mark Hedges
- \* Secretary- Dolores Gee
- \* Membership-Steve Christenson
- \* Claims-John Anderson
- \* Education- Fred Zajac
- \* Librarian-Dennis Johnson
- \* Merchandise-Gary Gallagher
- \* Website-Mark Hedges
- \* Newsletter- Dara Thaler

The club members have decided to have a garage sale in the fall. Items for sale need to be prospecting related. Start thinking about what you want to sell.

The date and time of the sale has yet to be determined, however fall will be here before we know it.

Watch for details in the next newsletter for more details!

If you are using the claims during the summer months, be extra careful. Not only is there an issue of heat, there have also been reported problems with bees in the area, Bees are drawn to water. They are also drawn to the color yellow. Killer bees get agitated with the color black. Night brings out the snakes. So use extreme caution if you are out on the claims now.

#### GOLD SEARCHERS OF SOUTHERN NEVADA NOTICE OF MEETINGS

**Next Meeting**  
**August 6, 2014**  
**6:30 PM**

**425 East Van Wagenen  
Henderson NV 89002**

#### Inside this issue

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### Equipment list

Thompson Dry Washer  
Keene Dry Washer  
Desert Foxes  
Blue Bowl  
Metal detectors  
High bankers  
GPS

Library  
Books, Magazines,  
Videos

#### Quote for the Day

**"Genius is the gold in the mine; talent is the miner who works and brings it out."**

Marguerite Blessington

**JUNE 2014 MINUTES****. General Meeting Minutes**

6-14-14

Call to order at 6:30 PM. The pledge of Allegiance was lead by President John Robert. New members and visitors were welcomed. Treasurers Report was given by Dara in the absence of Mark Hedges. Motion to accept the treasurers report as read was made by Fred and seconded by Rick Borders. All were in favor. Motion carried.

New Business: Dennis Johnson brought up the availability of 40 acres that are adjacent to lost change.

With the 40 acres there is also 8 parcels one of which is commercial. The owner wants \$25,000.00 for the 40 acres and lots. A land committee was formed and will consist of John Anderson, Ace, Ian Thaler, Mark Hedges and Fred Zajak . A motion was made by Ian to table further discussion until more research could be done by the committee. Fred seconded the motion. All in favor, Dennis Johnson abstained from the vote.

Break @ 7:12PM

7:34 PM the meeting resumed.

Old Business, None.

Discussion was held by Ace on the Desert Access Meeting. George discussed the Tuesday Breakfast Club will be held at the Jokers Wild 9AM on 6-10-14. John Roberts informed the membership that the fire restrictions were on: No burning anywhere.

No raffle was held, but George Hegie won the door Prize.

Motion to adjourn was made by Fred, seconded by Mike Ameling.

Minutes were taken by Ian Thaler in the absence of Dolores Gee.

## JULY MINUTES 2014

The GSSN met at the American Legion Hall in Henderson NV on Wednesday, July 2, 2014. President John Roberts called the meeting to order at 630 PM and led in pledging allegiance to the flag. He welcomed all. There were 8 visitors and 53 signed in. Mark Hedges gave the treasurer's report; Pam G. made a motion to accept the report as given, and Fred Z. seconded the motion. All approved & the motion carried. Minutes for April, May & June were published in the HighGrader but the majority of the group had not read them, so the vote to approve will be held at next month's meeting. Betty Calhoun mentioned that membership would benefit from e-mail notifications and Ian said he'd take care of this being done. Pres. John Roberts asked John Anderson and Ace Hunt to advise the group on the status of GSSN's purchase of 40 acres (next to our #28 claim). They said seller did not accept our offer so we asked realtor to let us know if owner changes her mind. Other claim options were also discussed (including leasing) and the committee will update the group as things develop. Morris made a motion to have committee explore additional options and Frank seconded the motion. After discussion the group voted unanimously in favor & the motion carried. Then George N. ran a short video on bees which explained how to safely deal with bee stings, swarms, etc. He also invited all to the next breakfast club meeting (Tues., July 8<sup>th</sup>) at the Jokers Wild.

Next Jake introduced his new business partner, Prospector Bob. They jointly operate Gold Rush Prospecting Adventure Tours (Hwy 95, Boulder City NV) & invited all to stop by. They donated prizes to today's raffle and were thanked for their generosity.

After a short break the raffles were held. (See below.)

At 8PM Pam made a motion to adjourn the meeting which was seconded by Fred & the meeting ended at that time.

Dolores Gee

Secretary

July 3, 2014

\* \* \* \* \*

John Bronstein won the door prize (\$10.25) & Betty Calhoun won the 50/50 (\$38)

Other prize winners were:

- |  |  |
|--|--|
| 1. Bucket & classifier...George Hegie            | 12. Water bag & scoop...Taylor Hooper  |
| 2. Prospecting pan & classifier...Morris Seguin  | 13. Pan, snifter & loupe...Pam Goulder |
| 3. Compass & flag...Gary Gallagher               | 14. Compact air compressor...Ace Hunt  |
| 4. Folding shovel/flashlight...Hank Householter  | 15. Hiking stick...Hank Householter    |
| 5. 3-in-1 folding mini shovel... " "             | 16. Gold panning kit...Taylor Hooper   |
| 6. Gripper & containers...Rick Young             | 17. Gold pan...Tom Douglas             |
| 7. Nugget teaser bag & containers...Chuck Wherry | 18. Ear muffers...Mimi Price           |
| 8. Pick/Hammer...Kathey Gonzalez                 | 19. RR pocket watch...Dolores Gee      |
| 9. Clay-b-gone & scoop...Robert Price            | 20. Testing acid...Tom Douglas         |
| 10. Bucket classifier & magnet...John Anderson   | 21. Scoop & magnet...Dwight Jemtrud    |
| 11. Pan & classifier & loupe...Mimi Price        | 22. GSSN t-shirt...Rick Young          |

DG:7-3-2014

**Twenty-five Gold indicators you should know by Chris Ralph****Nine Natural Geologic Signs Pointing Toward Gold:**

16. **COLOR CHANGES.** In many districts, acidic mineral solutions have bleached the area rocks to a lighter color. Other color changes can be due to the contact of different types of rock. These color changes can be an indicator of gold because gold often occurs in altered rocks or along rock contacts.

17. **IRON STAINING AND GOSSANS.** Not all veins produce much quartz. Gold-bearing veins can consist of calcite or mostly sulfides—which often weather into iron-stained spots when the pyrites convert to iron oxides. Large amounts of iron oxides like hematite, magnetite and ironstone can be favorable indicators. Iron-stained ground areas and gossians are basically another sort of color change in the ground surface.

18. **QUARTZ VEIN OUTCROPS AND VEIN MATTER ACCUMULATIONS.** At times, small accumulations of quartz vein material can indicate mineralization in the area. Sometimes there will be a visible vein outcrop that the prospector can see, but more likely the outcrop will not be obvious. In areas where there are no good outcrops, accumulations of quartz vein matter serve to indicate the general area where the vein is located. This is a very common indicator, but in many places a productive one that produces some good gold.

19. **PRODUCTIVE ROCK TYPES.** The concept of favorable host rocks is an important one, but the types of rock that constitute “favorable” can vary a lot from one location to another and can be significantly different. Rocks that break into flat slabs like schist or slate are very common productive rock types in many gold placer districts, but in other places the productive rock type can be quite different. This is an important one to learn for each of the districts where you prospect.

20. **ROCK CONTACT ZONES AND FAULTS.** Many quartz veins and other hard rock gold deposits occur in ‘zones’ that are formed along faults or at the contact of two different types of rock. This is another very productive type of indicator that has yielded a lot of gold to knowledgeable prospectors. These contacts may or may not show a color change across them, but even if the colors are the same on both sides, they can still be worthwhile.

**Twenty-five Gold indicators you should know by Chris Ralph**

21. **CORRECT TOPOGRAPHY.** As a general concept, the coarser gold does tend to hang-up farther upstream. In the deserts, most of the best residual placers form in areas with moderate to flat slopes. Depending on what the characteristics of your gold-bearing district are—up high or out on the flats—you want to be in those areas with the most productive topography.

22. **EXTENSIONS OF KNOWN MINERAL OR PLACER AREAS.** Other than pipe-shaped bodies, most small-scale gold deposits have a linear component. It is fairly common that new deposits can be found along this linear zone of deposition by looking for extensions along the line of deposition.

23. **SIMILAR GEOLOGIC AREAS NEARBY.** If a certain rock type or geologic environment has been productive for gold in one area, and the same rock type or environment occurs a few miles away on the same mountain range, it may well be worthwhile to investigate. This is a great technique for finding new patches and nugget areas, and a lot of prospectors have been very successful using it.

24. **DESERT PAVEMENT WITH QUARTZ VEIN MATTER.** In desert areas with shallow, wind-formed eolian placers, the best sign to recognize them is a concentration of small rocks and pebbles on the surface of the ground. In the Western US this formation is commonly called desert pavement. In gold-bearing regions when the desert pavement contains significant quartz vein material, this is a reliable sign that gold may also be present in the surface material.

25. **PERCHED GRAVEL BENCHES ALONG GOLD-BEARING STREAMS.** Rivers and streams wear down through the bedrock and can leave patches of gravel high and dry. These patches of gravel, if still in place, represent virgin material that can contain good gold. Often because they are elevated, the prospector can reach bedrock in these areas without having to dig down through a large amount of overburden. These benches are often very productive for prospectors.

**KNOW YOUR DISTRICT, THEN GET OUT THERE AND EXPLORE.**

The man-made and geologic signs and indicators outlined above are useful and important for finding gold, but it's important to remember that what works well in one district or location may not work so well in another. There is no single indicator of gold that works everywhere. In one place a certain type of rock may host all the deposits. In another district the most important indicator may be areas colored red by high iron concentrations.

**Twenty-five gold indicators you should know. Cont, by Chris Ralph**

Perhaps the most important thing in prospecting is to know the characteristics of the district that you are hunting! Like sports, there is a home court advantage for prospectors who have learned the particular tips and productive methods of the district in which they are working.

While I have addressed 25 different gold indicators that you should know, it's important to remember that this is not an exhaustive list and there are plenty of other indicators that you might consider. However, these 25 are among the more common indicators of gold, and at least some of them will apply in almost all mining districts in both the US and abroad.

Learn to recognize and understand these indicators and then get out and explore new areas. Your mining equipment will not find any gold for you while it's sitting in your closet or garage. One of the great secrets of successful prospectors is that they know what to look for and then get out into the field and work hard at searching. Get yourself out there and enjoy it to the fullest!



Associate Editor Chris Ralph has a degree in Mining Engineering from the Mackay School of Mines in Reno. He has worked for precious metal mining companies conducting both surface and underground operations. After working in the mining industry has continued his interest in mining as an individual prospector.

**General announcements**

Any one interested in selling prospecting equipment and would like to place an ad in the newsletter, contact

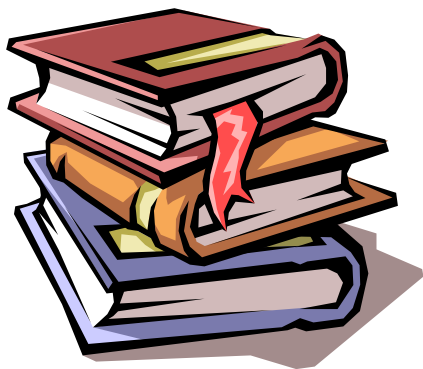
Dara for details

[dthaler@goldsearchersnv.com](mailto:dthaler@goldsearchersnv.com)

[wwwgoldsearchersnv.com](http://wwwgoldsearchersnv.com)



IF anyone has library books or other videos checked out of the Gold Searchers Library can you please contact Ian Thaler [ithaler@goldsearchersnv.com](mailto:ithaler@goldsearchersnv.com) with a title and an inventory number. The Library is being re-inventoried and that information would be very much appreciated.



Application To : Gold Searchers of Southern Nevada, Inc.  
P.O. Box 96732  
Las Vegas NV, 89193 – 6732  
Supporting Website:  
www.goldsearchersnv.com

**Please Print Clearly**

Last Name \_\_\_\_\_ First \_\_\_\_\_ Spouse \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ E-mail \_\_\_\_\_

**PROSPECTING VEHICLE**

Vehicle \_\_\_\_\_ Lic# \_\_\_\_\_ State \_\_\_\_\_

I understand that as a member of the Gold Searchers of Southern Nevada Inc., I can run for office and Participate in the voting on all major policies and officer elections. I will also be able to attend all meetings and use the club claims, subject to the club By-laws. I can also use club equipment by appointment and check out books and video's from out extensive library.

**HOLD HARMLESS AGREEMENT**

I / we, the undersigned, ( hereafter referred to as participant ) assume all risk and/or hazards associated with participant's involvement in the Gold Searchers of Southern Nevada Inc., a prospecting club. Participants agree to indemnify and **HOLD HARMLESS** all club officers, sponsors, and/or other third, fourth, etc., parties involved in club activities. Participants realize that metal detecting, gold prospecting, and associated activities can be dangerous. The terrain can be hazardous and there may be wild or domesticated animals and snakes present. Some locations may have open shafts, pits, and tunnels. Participants assume animals and snakes present. Participants assume all responsibility by signing below.

SIGNATURE \_\_\_\_\_ DATED \_\_\_\_/\_\_\_\_/\_\_\_\_

**CLUBS ONLY FUNCTION IF MEMBERS VOLUNTEER**

I/we will volunteer to assist in the areas checked. Please check at least one area.

**COMMITTEES**

Audit  Claims  Education  Librarian/Historian  Newsletter

Outing  Website

**DUES ARE PAYABLE ON THE FIRST OF THE MONTH ON YOUR ANNIVERSARY DATE.**

New members \$45.00 and to Renew is \$30.00.

Check # \_\_\_\_\_ Cash \_\_\_\_\_ By \_\_\_\_\_  
Receipt \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
Card # \_\_\_\_\_ Card Sent \_\_\_\_\_ Claims Book Sent \_\_\_\_\_

**DEDICATED TO THE PURSUIT OF GOLD!**