

THE GOLD NUGGET

November 2024

The Prez Sez..! by Bobby Manning



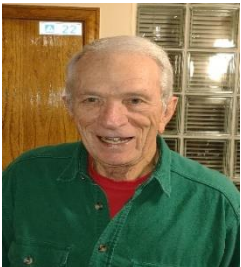
I must apologize to those who showed up to the panning class I had an emergency and could not make it. The person that said would DO the class forgot. Be sure to check out the November meeting when Yvonne Smith will do a presentation on Women in Prospecting. It should be great. Our next Outing will be the Metal Detecting hunt on Nov 16 at Robby Ferrufino Park, 9001 W. 74th Ave., in Arvada. Meet at 10:00. You go to 72nd and Wadsworth, then go west to Carr St, then go left until you see the park, hope to see you there. if the weather changes, we will make changes. The weather is changing quickly so it would be a good ideal to winterize your equipment. Then work on your cons over the winter. There should be a sign-up sheet for the Christmas Party. I'll bring a smoked roast like last year. If you would like something else, just let me know. We are going to start doing the board meetings on Zoom so you should see the board members out before the meeting starts in the future. It's also that time of year for ELECTIONS for President, Vice President, Board members and the Treasurer. The Club Needs Your Help to do Panning Demos. The Demos help to pay for the Facility for the year. It runs 2280.00 to rent the center and if the members pay for it, it would cost about 51.00 ea. So, you see, the CLUB needs your help in getting more members and more Club Outings, AND anything else you would like to do. WE also have the Ken Barker Award to vote on. I will be placing an order for more Gold, and if the Board approves, I have some special drawing gold Nuggets that I obtained at a new Prospector Store. It's at 250 W Asbury Avenue. I had a talk with Mike Pung and he got them started with about \$4000.00 worth of equipment so they should have what you need. So, please help the Club and make it grow and I will do my best to help you in making the club grow!

Vice President's Corner! by Kevin Singel



Hey, how about that amazing speaker at the October meeting?! Hahaha, yeah right, it was just me lol! Even so, I do hope you enjoyed the talk if you were there. If you missed it and want my thoughts on a trip to Alaska, either for free public access sites, or something fancy like the AKAU Resort near Nome, just ask me at a meeting. This coming month our own Yvonne Smith will be presenting on women in Colorado mining history. I hope lots of club members come to hear her interesting talk! Robert Ahr will also be presiding over the Finds Table as we get to check out many of the monthly winners vying for recognition as Finding of the Year. Be sure to check those finds out and vote for your favorites to win!! There is a lot going on at our club meetings these days, come see!

From the Treasurer/Secretary Ledger by John Johnson



We had a great turnout for the October meeting. We gave away lots of gold nuggets and other door prizes as well. Be sure to buy your gold nugget drawing tickets as well as your 50/50 tickets. We now have a new 'Special Nugget' so be sure to buy your blue tickets for that ultimate give-away. If you have any door prizes you would wish to donate to the Club Door Prize coffers, be sure and bring those to me as well. I look forward to seeing everyone at the November meeting. See you all there...!



Board Meeting Minutes from Nov 2024

X	Bobby Manning	X	Andy Doll	X	Robert Ahr	X	Gordon Smith
X	Kevin Singel	X	Gary Hamilton	X	Roger Schlenger	X	Bill Manning
X	Mike Stevens	X	Erik Von Halle	X	John Johnson	X	Joe Johnston

Quorum Present: _Y

Call to Order by: _Pres Manning at ___6__ pm.

Reading and Approval of Minutes: Corrections: _None_ Approved as read/corrected: _Moved: K. Singel; 2nd: M. Stevens__.

Treasurer’s Report: Questions: \$154 Expense _ Approved: _Yes. Moved: G Smith; 2nd: Bill Manning__.

Correspondence: phone calls _0__ emails _4__ mail ___0__

Webmaster: Total hits _167493__ Hits in last 30 days _144__.

Committee Reports:

Bylaws – After discussion/clarification on Article V, Section 5, a motion was made by K. Singel to accept and implement the new Bylaws. It was seconded by R. Schlenger and passed unanimously. A question came up after the vote that several paragraphs may have inadvertently been omitted due to the conversion from a .PDF format to Word. Secretary Smith will follow up on this and report back to the board at the next meeting for any corrective action.

Nominating Committee – Board member Schlenger has decided not to run for the board again and Treasurer Johnson may be moving out-of-state in 2025. A request for nominations of members in good standing for these positions will be announced to the general membership at the meeting tonight as well as a call to anyone interested in running for the Board.

Unfinished Business:

Nominations for the annual Ken Barker award are to be called for at tonight’s meeting

VP Singel reminded the Board that no speakers/presentations have been lined up for 2025. Secretary Smith then reported he has been in touch with a retired Newmont Mining geologist who will present to the club. Details of the specific month will be worked out by the January meeting.

New Business:

President Manning confirmed the prizes to be awarded to the winners of the pumpkin carving contest this evening:

1st Place = a gold nugget 2nd Place = a U.S. silver dollar 3rd Place = a copper medallion

Planned Outings:

No more outings are planned for this year.

There was a discussion about backup plans for any club outings due to a no-show of an instructor at the recent panning demo scheduled at Arapahoe Bar. Several new members interested in learning proper panning techniques were disappointed that day and the club needs to do better in the future.

Board Members Items of Discussion: N/A

Tonight’s General Meeting Program: K. Singel presenting on his recent trip to an Alaskan gold operation

Announcements: Next Board Meeting _November 20__ at 6:00pm

Next General Meeting: _Nov. 20_____ at 7:00pm

Adjournment: Meeting stands adjourned at ___6:56__ pm.

QUESTION OF THE MONTH
What is the lowest karat content that meets the US legal threshold to sell an item as gold?

- 2024 GPR Board of Directors :**
- President**
Bobby Manning
 - Vice President**
Kevin Singel
 - Secretary/Treasurer**
John Johnson
 - 2 Year Board Members**
Robert Ahr (2024)
Andy Doll (2024)
Gordon Smith (2024)
 - 1 Year Board Members**
Gary Hamilton
Roger Schlenger
Bill Manning
Erik Von Halle
Mike Stevens
 - Past President**
Joe Johnston



General Meeting Minutes from Oct 2024

1. **Meeting** was opened at 7:12 pm by **Pres. Manning** with the Pledge of Allegiance.
2. **Pres. Manning** then announced that the evening Program which was Board member Singel's trip to an Alaska gold resort.
3. **Pres. Manning** then gave the Metals Report: Gold 2601, Silver 31.75 Platinum 1002 Palladium 1139 Rhodium 5100.
4. **Web hits** for last month was 144.
5. **Treasurer John Johnson** reports that the Club remains in the black. Report is available for review for anyone who wishes to see it. We have a 'Special Nugget' tonight so be sure to buy lots of tickets. It is a beautiful specimen.
6. **Robert Ahr and Shelly Zornes** from the Membership Table reported that we had 37 members in attendance. There were 2 Guests Present tonight. New members 0. The total meeting attendance was 39.
7. **Pres. Manning** read the 'Question of the Month', which was "... How much gold is in the human body?..? The winners will receive an extra ticket to the gold nugget drawings later during the evening program.
8. **Pres. Manning** advised that there was time to enter items at the break for the '**Finds of the Month**' table and that the monthly winners from tonight will need to be saved for the Finds of the Year competition in November, 2024. A reminder to all that their gold submissions need to be weighed dry and only one submission per person per category. Be sure to fill out the entry cards completely. Only finds found within the last 30 days may be submitted.
9. **Board member Smith** announced 'Cache Clue' # 4.
10. We have some of our gold bags as of tonight so be sure to buy your bags.
11. There was a reminder to be sure to vote on the Finds of the Month and to answer the Question of the Month during the break
Additional items to be discussed include...Nominations were called for the openings on the Board for next month's elections. A reminder that the Finds of the Year will be selected at the November meeting. Board member R. Ahr reported on the results of the September Pirate's Hunt with a couple of rings and lots of change being found. The next hunt will be on October 30. And, an auction was conducted for a blue bowl and silver bar donated to the club. No bids above the minimum required of \$50 on the blue bowl were made and President Manning was the winning bidder on the silver bar at \$50.
13. **Pres. Manning** announced the break at 7:58 pm. Meeting was called back to order at 8:12 pm.
14. **Pres. Manning** announced the winners of the 'Question of the Month'. The answer was, "...02 milligrams ...!
There were 29 winners who received their extra drawing ticket for the gold drawing.
15. **Pres. Manning** announced the winners for the '**Finds of the Month**' for Oct Those were:
 - **Best Coin** – Joe Johnston
 - **Best Jewelry** – Joe Fortunato
 - **Best Mineral** – Adam Olsen
 - **Best Artifact** – Mitchell Ross
 - **Best Gold** – Kevin Singel
16. **Pres. Manning** concluded the evening with drawings for the numerous door prizes donated by the **GPR, Bobby Manning, JJ Long and Kevin Singel**, followed by the drawings for the door prizes and gold nuggets. **Pres. Manning** also wants to remind that holders of drawing tickets for the regular gold drawings who did not win and want to redeem those tickets may present them at the end of the Meeting and they will be reimbursed at .01 cents on the dollar, or they shall be considered to have been donated back to the Club. Those assisting in the drawings were **John Johnson and John Olson**.
17. **Pres Manning** conducted the 50/50 drawing. Shellie Zornes won \$39 with \$39 going to the Club.
18. **Pres. Manning** reminds the members that sometimes during the meetings, The President's time is overwhelmingly taken up by the many who wish to speak to him and he apologizes if anyone ever feels like he is unavailable. It is not his



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intent to be inaccessible and he encourages anyone with questions to contact him by e-mail or phone outside the meetings at any time. His e-mail and phone number are on the web site.

19. **Pres. Manning** thanked **Greg and Nancy Knerl** and all those who contributed to the Refreshment Table. Each member is

encouraged to chip in and add to the spread each month. Remember to donate to the 'tip jar' also, which helps to defray costs. This really helps the folks who run the table and those who volunteer up front each month. The Club appreciates the efforts that each and every one of you to make the refreshment table enjoyable. Multiple entries were on display for the annual Pumpkin Carving Contest with the top three as voted on by the members being awarded prizes. As usual, the creativity on display was fantastic. First place went to Adam Olsen with his "Gold Mine", 2nd place to Bob Holmberg's "Miner's Mishap" and 3rd place to Derek Wood for "Thieves". Photos of all the entries will be included in the next club newsletter.

20. **The November Meeting Program** will be Women in Mining presented by member Y. Smith. Having nothing further at this time, remember to always prospect safely.

21. **Meeting was adjourned at __8:50__ pm.**

A Miner's Laugh

Two old retired miners were sitting in a bar. One looks at the other and says, "You look familiar. Where you from?" The second old man says "Ireland". The first, clearly astonished replied, "No way, I'm from Ireland meself! What a small world. What city are you from then?" The second replied, "Dublin". Still astonished, the first said, "No way, as a matter of fact, I am from Dublin me ownself! What a truly small world indeed. So what school did you go to?" The second man replied, "St. Mary's, class of '64." The first old man, looking totally baffled, stated, "NO WAY, I am from St. Mary's class of 64 me ownself! I cannot believe how small this world really and truly is!"

At this point, another man comes into the bar and asks the bartender, "Hey Joe, anything interesting going on tonight?" The bartender replied in a bored tone, "Nah, not really. The Murphy twins are drunk again..!"

(Taken from the internet and revised just for all us 'old miners')



The Finds of the Month Oct 2024:

The Club has decided to change the Finds of the Month Program to eliminate the 'Bottle' category as well as combine the gold categories into a single category. Therefore, the following submissions were selected by popular vote at the September meeting:

- **Best Coin** – Joe Johnston
- **Best Jewelry** – Joe Fortunato
- **Best Mineral** – Adam Olsen
- **Best Artifact** – Mitchell Ross
- **Best Gold** – Kevin Singel

Sorry, but the editor did not receive any photos or descriptions of the Finds in time for publishing.

Remember that all gold must be dried and weighed. All monthly winners need save their entries for the November 2024 meeting when the years Finds of the Month winners will be judged for the Finds of the Year. So, be sure and save them...!



2024 Pumpkin Carving Contest

We had five people that made a pumpkin Carving for the contest. Here are your winners:



First place - 0.4 gold nugget

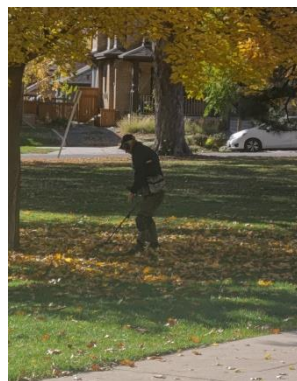
Second place – silver dollar

Third place – copper round

Great job everyone. It is always great to see the creativity that is displayed each year in the carving contest. Lots of fun.

The Pirate’s Oct 25 Hunt by Robert ‘The Pirate’ Ahr

Hello everyone. Well, on Wednesday the 30th, there were 8 of us for breakfast and number 9 showed up at decision time and we all decide go try Saturday morning, Nov. 2, for the hunt. Saturday morning came and the weather at 1000hrs was brisk but sunny and by 1300hrs, it was downright nice outside. We had 9 Pirate's show up at McDonough Park. Joe F. brought 3 pieces of Gold that myself and Joe K. ran our detectors over and listened for the distinct sound that it make's. After that, it was time to hunt the Park. We had a member of the Eureka THC show up and after an hour or so, people started to leave. The day was good but the Park was not, and after talking to a few people, we decided that this park was pretty well cleaned out.of loot and I thought to myself, this park needs to sit for a few months for replenishment of treasures. But, we all did have a good time and at least we got out to swing our machines. For those of you that showed up for Breakfast, thank you and for the ones that showed up on Saturday to hunt, Yahoo..! From the information I gathered from the crew, I don't think we brought in over 5.00 dollars. but we had fun and sometimes you have those kind of days. We'll do it again later in Nov, So I hope to see you all at the G.P.O.R. meeting Nov 20th @ 1900hrs for the start of the meeting... Remember, we are voting On the FOY from the winners of the FOM.. Until then be Safe and stay Healthy...





The Gold Rushes That Shaped America & Changed the Modern World Forever

Story by Martha A. Lavallie

Studies have shown the profound impact of the gold rushes on America's development. A 2017 study attributed the record-long U.S. economic expansion from 1841 to 1852 primarily to the boom following the California discovery.¹ From the nation-building fervor by the California Gold Rush to the dispossession of Native American lands in the Black Hills, the gold rushes left indelible marks on the country's social, political, and environmental landscape.

Here are the nine major U.S. gold rushes that transformed America and shaped the modern world.

1. The North Carolina Gold Rush

America's first gold rush ignited in 1799 when 12-year-old Conrad Reed discovered a shiny rock in Cabarrus County, North Carolina. That nugget turned out to be 17 pounds of pure gold

Word spread, and before long, mines were churning out precious metals across the state. By 1832, over 50 mines and 25,000 people were employed.

The North Carolina gold rush continued until the Civil War erupted in 1861, then resumed after the conflict ended. Placer and lode mining persisted until 1912, when the region was finally tapped out.

This early gold fever foreshadowed the much larger rushes and established mining as a key driver of America's 19th-century economy.

2. The Georgia Gold Rush.

Gold was discovered in the hills of northern Georgia in 1828, following North Carolina's bonanza. Miners flocked to the region, lured by the promise of gold with 24 karat purity.

The intensity of the rush meant it burned out quickly, with most of the readily accessible gold depleted by the early 1840s. As new strikes were announced out West, Georgia's miners decamped en masse, leaving mine owners without workers. But the rush had a lasting impact, helping to open up Georgia's mountainous northern region to development and settlement. It also set the stage for even bigger gold booms to come.

3. The California Gold Rush

The California Gold Rush was the granddaddy of them all, the biggest and most consequential gold rush in American history. It began with James Marshall's chance discovery of gold at Sutter's Mill in 1848.

When word got out, it triggered the largest mass migration in U.S. history, with 300,000 fortune seekers descending on California.

The demographic impact was staggering. California's non-native population exploded from around 1,000 in 1848 to nearly 100,000 by 1849.

The rapid influx and economic boom enabled California to leapfrog directly to statehood in 1850 without ever being a U.S. territory.

The gold rush unleashed a mining, prospecting, and settlement frenzy that opened up the American West and catalyzed California's rise as an economic powerhouse.

4. The Colorado Gold Rush (Pike's Peak Gold Rush)

A decade after the California rush began, gold was discovered at the base of the Rocky Mountains near Denver.

The "Pike's Peak or Bust!" drew an estimated 100,000 prospectors to Colorado between 1858 and 1861, making it one of the largest gold stampedes in history.

The flood of "Fifty-Niners" (named for the year 1859) into the frigid, unforgiving Rocky Mountain terrain was grueling. However, it rapidly opened up the region, leading to the founding of Denver, Boulder, and other Front Range cities.

By 1865, over 1.25 million ounces of gold had been extracted. The rush ended when Colorado became an official U.S. territory in 1861, but its legacy endures in the state's flourishing cities and ski resorts.

5. The Black Hills Gold Rush

The Black Hills Gold Rush erupted in 1874 when George Armstrong Custer's expedition found gold in the Black Hills of South Dakota, smack in the middle of territory owned by the Lakota Nation.



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Defying the 1868 Treaty of Fort Laramie, which required permission from the Lakota to enter the Black Hills, a flood of illegal prospectors invaded the sacred Lakota lands.

The rush gave rise to infamous frontier towns like Deadwood and Lead. It also produced the biggest gold mine in U.S. history—the Homestake Mine, which churned out around 40 million ounces of gold from 1876 to 2002.

But it came at a terrible cost, dispossessing the Lakota of their treaty-protected lands and fomenting the violent conflicts of the Great Sioux War.

6. The Alaska/Klondike Gold Rush

When gold was discovered in remote northwestern Canada in 1896, it set off the last great gold rush of the 19th century. Between 1896 and 1899, the Klondike stampede lured around 100,000 prospectors to the frozen Yukon Territory and Alaska.

The Klondike was brutally inhospitable. Miners battled sub-zero temperatures, avalanches, and starvation to reach the gold fields. Most never struck it rich – historians estimate that 98% of stampedeers found no gold.

However, the rush opened Alaska to exploration and settlement, and its impact still resonates in novels like Jack London's *The Call of the Wild* and Charlie Chaplin's film *The Gold Rush*.

7. The Nome Gold Rush

As the Klondike rush petered out, a new bonanza surged 500 miles west in Nome, Alaska. In 1898, “Three Lucky Swedes” discovered gold on Anvil Creek, a tributary of the Snake River near Nome.

Over 20,000 miners stampeded to the remote Seward Peninsula when word got out.

The Nome rush was unique in that much of the gold was found on the beach, allowing miners to scoop it up. However, treacherous conditions, claim jumping, and conflicts with Alaska Natives made it chaotic.

Still, from 1899 to 1909, Nome was the largest city in Alaska, producing over \$46 million in gold (over \$1 billion today). The rush solidified Alaska's reputation as a golden frontier.

8. The Fairbanks Gold Rush

The Fairbanks rush began in 1902 when Italian prospector Felix Pedro struck gold north of Fairbanks, Alaska.

His discovery drew thousands of miners to the Tanana Valley, battling extreme conditions to extract the precious metal from the frozen ground.

By 1910, over 10,000 people lived in Fairbanks, which became the largest city in Alaska's interior. From 1902 to 1960, the region produced over 8 million ounces of gold, and gold mining remains a key part of Fairbanks' economy today.

The rush opened Alaska's vast interior and helped establish Fairbanks as a major transportation and economic hub.

9. The Nevada Gold Rush

The early 20th-century Nevada gold rush is often overshadowed by the famous Comstock Lode silver rush of the 1850s-70s. But from 1900-1910, major gold discoveries in Tonopah, Goldfield, and Rhyolite touched off a new mining frenzy in Nevada.

Goldfield became a boomtown almost overnight, growing from a few tents to a city of over 20,000 with a stock exchange, luxury hotels, and an opera house.

The rush made millionaires and sparked stock speculation, but the gold quickly played out. By 1910, the boom was over, and the towns became ghost towns nearly as fast as they arose.

Still, the rush helped establish Nevada as a major gold producer and shaped the state's freewheeling, boom-and-bust character.

From the nation-building exuberance of the California rush to the rise of the Wild West mythos, the 19th-century gold rushes did more than generate riches—they forged the character of the American West and transformed the nation.

Their impact still glitters in our cultural imagination, a reminder of the restless optimism and get-rich-quick dreams that animate the American spirit.

(Article from the internet and republished as it was in the free section of Wikipedia...)



Extracting Pure Gold From Electrical Trash Just Got Easier

Story by Jess Thomson

Scientists have figured out a way to recycle important metals trapped inside electrical waste.

Using textiles, researchers from the Korea Institute of Science and Technology (KIST) have improved the efficiency of extracting gold from electronic waste, according to a new study in the *Chemical Engineering Journal*.

This method achieved a gold recovery efficiency of almost 100 percent.

Electronic waste, often referred to as e-waste, consists of discarded electronic devices and components. This can include old electrical appliances, mobiles, laptops, circuit boards, and batteries, as well as toys, household tools, razors, cables, hairdryers, routers, speakers and fire alarms, among many others.

Around 50 million tons of e-waste are thrown out every year, and less than 20 percent of that is recycled. This e-waste often contains both precious metals like gold, silver, and platinum and common metals like copper, aluminum, and iron, but these metals are often quite difficult to remove efficiently from the waste.

Many methods of recovering metals from e-waste involve the use of adsorbents, which are usually granular materials that use their large surface area to attach to the metal particles. However, these are often hard to control underwater, leading to low recovery rates, and also contributing to environmental pollution.

According to the new research, high-purity gold can be removed selectively from e-waste using textile adsorbents instead. These fiber-like materials, made of a chemical called polyacrylonitrile, can be readily manipulated underwater and shaped into different forms via weaving, making them highly useful for industrial uses.

However, their thinness and fragile nature mean they often break when used in gold recovery processes. The researchers attached alkaline molecules to the fibers to improve their stability and their gold recovery performance.

This fiber method can recover up to 2.5 times more gold ions than granular materials, thanks to having a much higher surface area.

"By enabling efficient and eco-friendly metal resource recovery, the fiber-type adsorbent developed by KIST can reduce Korea's dependence on resource imports and prepare for the risk of rising raw material prices," study author Jae-Woo Choi, a researcher at the Water Resource Cycle Research Center at the Korea Institute of Science and Technology (KIST), said in a statement.

The researchers found that using fibers could achieve a gold recovery efficiency of over 99.9 percent, across a range of acidic pHs, even when other metals were present in the solution. Additionally, after 10 uses, the gold recovery rate remained high at 91 percent, meaning that these fibers are reusable.

"We plan to expand the scope of future research to selectively recover various target metals in addition to gold, study co-author Youngkyun Jung, also a KIST researcher, said in the statement."

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For information to publish your "Ad" in The Gold Nugget, please contact the Editor. **COPY DEADLINE** is due to the editor by the 25th of the month for publication in the following months' issue of the Newsletter.

Contact the GPR President

(Layout Design Subject To Additional Cost)

Coming Announcements and Special Events for Dec 2024 (GPR Events – Check the Outing Schedule) Western Museum of Mining & Industry, 225 North Gate Blvd. Colorado Springs, CO 80921 (https://www.wmmi.org/) (Free to GPR Member with badge)						
SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7 Pearl Harbor Day
8	9	10	11	12	13	14
15	16	17	18 GPR Club Meeting Pot Luck Dinner	19	20	21 WINTER BRRRR
22	23	24 Christmas Eve	25 Christmas Day	26	27	28
29	30	31 New Year's Eve			???Pirate's Hunt (weather permitting) You figure it out???	