

THE GOLD NUGGET

December 2015

The Prez Sez by Jim Long



Brrrr...!!!! It has turned very cold lately and as I write this, it is starting to snow pretty good outside. I would suspect that the easier (meaning warmer) days of prospecting are over for the year and only a few of the most hardy of us will be getting out and trying our luck. I have chopped through the ice before and actually got a sluice box running and found quite a bit of gold. But as a rule here lately, I choose not to venture out when the odds are real good of losing a finger or toe to frost bite. And as I get older, that becomes more of a concern than the year before.

In the newsletter, I have concluded the section titled ‘What is...?’ with the last few months having featured different concepts of general mining. Starting the first of next year, I will be starting a new section of the Newsletter dedicated to what is happening across the country concerning mining. I know that a lot of folks may not necessarily be members of the GPAA, AMRA, PLP or WMA. Being retired and living on a limited income often precludes one’s ability to join multiple organizations or even contribute monetarily to them to assist with things like law suits, attorneys and such. So I shall attempt to keep you informed of happenings in a piece that we will call ‘Mining Concerns Around the Country’. There are things that are happening as you read this in California, Oregon, Washington, Nevada, Utah, Wyoming, Arizona, Idaho, Tennessee, Alaska, and Colorado as well as many other states that are of grave concern to all miners, whether it be a small scale weekender or a claim owner with a lode mine and heavy equipment. And what befalls one group will have ramifications for many other groups and, often as not, everybody that wants to seek out a little or a lot of gold. So I will do my best to confine the results of all that onto one page sufficiently to keep everyone up to date and informed.

I am looking forward to the Christmas Pot Luck dinner coming up. Hopefully, the weather will cooperate for us. The Almanac and the forecasters say that this is supposed to be a hard and rugged winter. I hope they are wrong. That is part of what makes living on the Front Range so great is the fact that it never gets really bad here. I can certainly think of a lot worse places to be living. I don’t have to duck hurricanes, only an occasional tornado. I made sure I live on a hill so I don’t have to worry about flooding. It is very rare to get too much rain and more common to get very little. True blizzards are actually pretty rare as well. All in all, I like it here a lot. And best of all, there is gold in Clear Creek and I live pretty close to that stream.

One of the things I enjoy most with our Club is the opportunity to teach our newer members a little about gold prospecting. Panning and sluicing are two ways to find gold and if a person really wants to find some, you can actually find quite a bit with no more than those items of equipment. You really don’t need any more than that to do rather well. I noticed this year that at most of our Outings, I spent more time helping other folks than getting any gold for myself. But that is ok. I have quite a bit of gold already. I am never going to get filthy rich at it and I’m not interested in selling any of my gold either. I enjoy looking at it and remembering all the places I went to get it and how hard I had to work sometimes to get it. And I remember who was there and how much fun we had and how hard we worked. Those are all good memories that I will have forever. And many of those friendships made are special and will last forever as well. I learn something new every year I keep doing this. I find that as much as I already know, I still don’t know it all and probably never will. Prospecting is a never ending adventure and there is always the promise of a ‘hot spot’ or a ‘pocket’ just waiting to be found. There are no guarantees in prospecting. It requires a good deal of skill and a whole lot of luck all thrown together. But I will keep looking until I find it. Maybe tomorrow or next week, I don’t know, but I’m going to keep looking and keep digging. If I make a ‘strike’, maybe I will tell you. Maybe I won’t. I don’t know. I only know that I love the looking. I do, I really, really do.

Anyway, that is the view from here and I wish you all Good Luck in your search...!. And until we meet again, keep your sunny sides up and may the bottoms of your pans turn bright with that treasured ‘Yaller Gold’!

You may contact me at 303-452-6087 or at jnslong945@msn.com. Happy and safe prospecting to all!!!

The V.P. Corner by “Klondike” Mike



Newsletter, MY LAST ONE!

Well folks having written this column for the last two and a half years I’ve not only helped you learn a lot of new information about gold prospecting but have learned much myself. We have all learned more not only about prospecting but ourselves so remember if you hear someone say they know all there is to know about prospecting HANG ON TO YOUR WALLET OR PURSE!!!!



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I have enjoyed my time as VP for GPOR during which I have met a lot of great people and learned much more than I ever thought I would or could!

I am looking forward to joining everyone as an audience member. I will still be part of the board and hope all the new board members enjoy their time as much as I have.

Thank you for letting me serve as your VP, I appreciate everything and everyone who has been involved during my tenure.

(KLONDIKE) Mike Hurtado

GPR Officers and Board Members for 2016:

- James Long.....President
- Joe Fortunato.....Vice President
- Wayne Schomaker.....Treasurer
- 2 year Board Member....Joe Shubert Elec 2014
- 2 year Board Member... Joe Johnston Elec 2016
- Bobby Manning
- John Johnson
- Mike Hurtado
- Chris Kafka
- Andy Doll
- Brandon Luchtenburg

From the Treasurer/Secretary Ledger by Linda Luchtenburg



NO GOLD DRAWING FOR DECEMBER. COME TO THE CHRISTMAS POTLUCK AND SEE WHAT SANTA HAS FOR YOU.

Planned GPR Meeting Programs:

Dec 16 This will be the “Members Only Christmas Dinner/Potluck”. Plan to arrive by 6pm and we will plan on eating about 6:15 to 6:30 and the evening program will commence at about 7pm.

We will have a GOLD ELEPHANT gift exchange under the tree. If you bring a gift , you get to select one. Limit gifts to no more than \$15.

Where is ‘Prospector Pete’, the GPR Gold Miner?

“Pete” enjoyed a day out at the final outdoor outing for the Club on Nov. 7.

hunting that was conducted at Majestic View Park in Arvada. Pete and 17 detectorists and one little helper guy, all had a good time looking for hidden targets and winning prizes. Pete showed off some of the ‘finds’ in the form of a lot of wheat pennies, some actual buffalo nickels, and lots of other special targets that were redeemable for some pretty cool prizes. The weather was perfect and everybody, including Pete, had a really good time. Pete looks forward to seeing everybody at the Christmas Pot luck Dinner. See you there



This was the Metal Detecting





Board Meeting Minutes From Nov 2015

X	James Long	X	Joe Shubert	X	Joe Fortunato		John Johnson
X	Mike Hurtado	X	Joe Johnston	X	Terry Weatherly	X	Brandon Luchtenburg
X	Linda Luchtenburg	X	Bobby Manning	X	Andy Doll		

Quorum present? Yes

Call to Order: By Pres. Long at 6:06 pm

Reading and Approval of Minutes: Yes Corrections: none. Approved as read/corrected: Yes

Treasurer's Report: Questions: None Approved: yes

Correspondence: 5 phone calls, 4 e-mails, 6 mailings

Webmaster: Total Hits 142667 Hits for last month 316.

Committee Reports:

- Elections of officers tonight.
- There are 2 Ken Barker Award nominations.
- Xmas Program set and ready to go.
- No other reports due.
- Unfinished business: None at this time.

New Business: GPAA Gold Show coming to Denver on June 18/19 of 2016 at Adams Co. Fairgrounds. We will participate.

Planned Outings for 2015: Dec. 16 – Christmas Pot luck Dinner, no formal meeting. Dinner at 6p, Program at 7p.

From the Board:

- Pres. Long discussed the recent Metal Detecting Hunt which was a success and weather was perfect.
- BM Bobby M. reported his briefcase stolen from his car containing Club brochures, cards and his Board Member Manual. BM Joe J. asked that all materials checked out be returned.
- BM Andy D. advised he had a potential speaker from the BLM.
- BM John J. was absent due to family obligations.

Announcements: Next Board Meeting Jan. 20, 2016 at 6:00pm. Next General Meeting Jan. 20, 2016 at 7:00pm

Tonight's general meeting program: We will be showing a 25 minute video from the WMMI titled "Mining in the West".

Adjournment: Meeting stands adjourned at 6:40 pm.

QUESTION OF THE MONTH
NO QUESTION OF THE MONTH FOR DEC.

2015 GPR Board of Directors Members

President

James Long

Vice President

Mike Hurtado

Secretary/Treasurer

Linda Luchtenburg

2 Year Board Members

Joe Johnston (2013)

Joe Shubert (2011)

1 Year Board Members

Joe Fortunato

Terry Weatherly

Andy Doll

Brandon Luchtenburg

John Johnson

Bobby Manning

General Meeting Minutes From Nov 2015

1. Meeting was opened at 7:01 pm by **Pres. Long** with the Pledge of Allegiance.
2. **Pres. Long** then announced the evening program which will be a 25 minute video presentation by the WMMI titled "Mining in the West".
3. **Pres. Long** gave the Metals Report with gold at \$1070.00 an ounce, silver at \$14.88, platinum at \$846.00 and palladium at \$533.00.
4. **Web hits** for last month were 316.
5. **Treasurer Linda Luchtenburg** reported that the Club remains very comfortable in the black. Report is available for review for anyone who wishes to see it. Also, be sure to buy tickets for the new 'Special Nugget' drawing that is now available. This is a solid piece of gold that weighs in at a half an ounce.
6. **Dan and Becki McConnell** who oversee the Membership Table reported that we had 87 members in attendance. There were also 14 guest and 2 new members present. The meeting attendance was 89.
7. **Sue Clover** read the 'Question of the Month', which was **"What country was the largest market for gold jewelry in the world, using 746 tonnes of gold in 2010.?"**



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8. **Pres. Long** advised that there was time to enter items at the break for the 'Finds of the Month' table and that the monthly winners from 2015 were also at the "Finds of the Year" table and everyone was encouraged to check them out and vote accordingly during the break. Remember, only one entry per person per category. Winners of the Finds of the Month for tonight will need to be saved for competition in 2016.
9. **John Johnson** announced the new Cache Clue #3. John has successfully hidden the new Cache and it is out there for you to find if you can decipher the clues. So put on your thinking caps and let's go find it.
10. **Pres. Long** advised that there were lots of stuff in the **Club Store** for sale. We have introduced some bags of sand containing gold for members to buy. Members were encouraged to support the Club by buying Store products. Due to taking a new job, Tina and Tim will be unable to operate the Store until next April so we are looking for a volunteer to take over until then.
11. **Pres. Long** informed the membership of the upcoming Outings.
 - Dec 16 – Christmas Pot Luck, NO General Meeting and NO nuggets drawing. The Pot Luck Dinner will be at 6p and Recognition Program at 7p.
12. **Pres. Long** also informed the membership:
 - The Metal Detecting Hunt at Majestic View Park in Arvada on Nov. 7 went very well. The weather was perfect and 12 prizes were awarded to lucky participants. They were searching for some 200 hidden targets.
 - Attendees were reminded to check the front table for new handouts and to vote for the finds of the month during the break. Pres. Long also had a handout concerning the latest update on the MMAC which is well on its way to sponsoring new legislation to assist miners.
 - Some discussion was made concerning the Gold King fiasco and the way EPA is ducking responsibility. An attack on the Mining Law of 1872 was also discussed which involves Senator Bennett from Colorado and the New Mexico and Utah Senators as well.
 - Club elections are up, additional nominations from the floor was asked for and having none, a vote of acclimation was taken and 2 new Board Members, **Chris Kafka** and **Wayne Schomaker** were elected. **Joe Fortunato** was elected Vice President. All other sitting members were also approved.
 - The Board has nominated **Bill Chapman** and **Joe Fortunato** for consideration for the Ken Barker Award. Final voting will be conducted at the November Meeting.
 - **Sue Lemieux** heard that the Cresson Mine in Victor was going to close the overlook because the new owner, Newmont Mining, thought it was too dangerous for people to be there. She will check on this to see if it is true. There was nothing further from the floor.
 - Several members brought items to sell or swap and we broke to check all that out.
13. **Pres. Long** announced the break at 8:10 pm. Meeting was called back to order at 8:36 pm.
14. **Pres. Long** announced that there were 36 winners of the 'Question of the Month'. The answer was "**India**"!! The winners received their extra drawing ticket.
15. **Pres. Long** announced the winners for the 'Finds of the Month'. Those were:
 - **Best Coin** – **Hank Innerfeld** with a 1967quarter that he found in the parking lot.
 - **Best Artifact** – **Jerry Marz** with a pyrite and quartz matrix sample he found in Climax, Colorado.
 - **Best Bottle** – **Joe Johnston** with a stopper bottle he found in East Denver.
 - **Most Raw Gold** – **Kevin Singel** with 5 small pickers he found in Massachusetts.
16. **Pres. Long** announced the winners for the "Finds of the Year 2015". Those were:
 - **Best Coin**- **Brian Henry** for his 1944 mercury dime which was the October winner.
 - **Best Jewelry** – **Dan Cheer** for his silver and garnet three ring set which was the October winner.
 - **Best Bottle** **Bobby Manning** for his bottle which was the April winner.
 - **Best Artifact** – **Karen Miller** for her quartz specimen that was the September winner.
 - **Most Raw Gold** – **Kevin Singel** for his 4.6 grams of gold which was the March winner.
 - **Largest Raw Gold** – **Dale Herbertson** whose Nevada gold nugget was the May winner
17. **Pres. Long** concluded the evening with drawings for the numerous door prizes donated by the **GPR**, and **Pres. Long**, followed by drawings for the 9 gold nuggets. A reminder that holders of drawing tickets for the regular



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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 can choose to donate the tickets back to the Club.

Those assisting in the drawings were **Chuck Cown** and **Linda Luchtenburg**.

18. **Pres. Long** 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 intent to be inaccessible and he encourages anyone with questions to contact him by e-mail or phone at any time. His e-mail and phone number are on the web site.
19. **Pres. Long** thanked **Chris and Joe Kafka** and all those who contributed to the Refreshment Table. Any member is encouraged to chip in and add to the spread each month. 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.
20. The scheduled **Program for December** will be the Christmas Pot Luck Dinner. There will be NO General Meeting and NO Gold giveaway. The dinner will start at about 6p and the Recognition Program will start about 7p.
21. Until next time, remember to prospect safely, live long and be grateful for that golden bounty from the stars, that gleaming magical miracle, called 'gold'!
22. The Meeting was adjourned at 9:01 pm.

Schedule of 2015 Planned Outings:

We are no longer printing the schedule in the newsletter. A copy is emailed each month to all so new members get an initial copy. From then on check the email copy, any changes from the last copy will be highlighted in yellow. No yellow no changes. So print it out and hang it up.

Finds of the Month

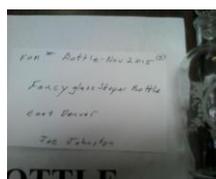
November winners were as follows:

Best Artifact – **Jerry Marz** with a quartz crystal in pyrite matrix he found in Climax, Colo..

Best Coin – **Hank Innerfeld** with a 1967 quarter found in a parking lot.

Best Bottle - **Joe Johnston** with a stoppered bottle he found in East Denver.

Best Gold - **Kevin Singel** with 5 gold pickers he found in Massachusetts.



Great job guys and gals!!!!

Be sure and bring your treasures and finds in to share with the rest of the Club. Winners each month will have their name published each month in the Newsletter. There are six (6) categories to choose from when entering. Thanks to all who also submitted additional finds that were not judged to be winners.

Finds of the Year 2015 Voting

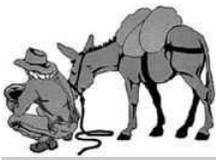
The following monthly winners were judged at the November meeting and determined to be the Yearly Winners:

Best Coin of the Year - **Brian Henry** whose 1944 mercury dime was the October winner.

Best Jewelry of the Year - **Dan Cheer** whose silver and garnet ring set was the October winner.

Best Bottle of the Year - **Bobby Manning** whose bottle was the April winner.

Best Artifact of the Year - **Karen Miller** whose large Quartz crystal was the August winner.



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Most Raw Gold of the Year – **Kevin Singel** whose 4.6 grams of gold was the March winner.

Largest Raw Gold of the Year – **Dale Herbertson** whose nugget was the May winner.



A Miner's Laugh

Once upon a time there was a king who wanted to go fishing. He called the royal weather forecaster and inquired as to the weather forecast for the next few hours. The weatherman assured him that there was no chance of rain in the coming days. So the king went fishing with his wife, the queen.

On the way he met an old miner on his donkey. Upon seeing the king the old miner said, "Your Majesty, you should return to the palace at once because in just a short time I expect a huge amount of rain to fall in this area".



The king was polite and considerate, he replied: "I hold the palace meteorologist in high regard. He is an extensively educated and experienced professional. And besides, I pay him very high wages. He gave me a very different forecast. I trust him and I will continue on my way." So he continued on his way. However, a short time later a torrential rain fell from the sky. The King and Queen were totally soaked and their entourage chuckled upon seeing them in such a shameful condition.

Furious, the king returned to the palace and gave the order to fire the weatherman at once! Then he summoned the old miner and offered him the prestigious and high paying role of royal forecaster. The old miner scratched his chin and said, "Your Majesty, I do not know anything about forecasting. I obtain all my information from my donkey. If I see my donkey's ears drooping, it means with certainty that it will rain." So the king hired the old miner's donkey.

And so began the practice of hiring asses to work in the government and occupy its highest and most influential positions. And this tradition actually continues to this very day!! *(Taken from the internet and revised just for all us 'old miners') 12/15*

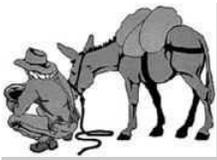
'Family Exploration Day - GEOLOGY!' January 2nd, 2016, 10am to 3pm

Have you ever picked up a rock while hiking and wondered what it was? On Saturday January 2nd, bring that geologic discovery, or just plain curiosity, down to the Western Museum of Mining and Industry for a day of geologic exploration! Learn about Colorado's mineral and mining heritage, identify common or your own minerals-in-hand specimens, understand processes important to the formation mineral deposits, and identify modern methods of mineral exploration and mine development. Among the activities, dig for fossils, try your hand with 'Keep What you Find Gold Panning', take part in some hands-on mineral identification, spend some time with the Florissant Fossil Beds experts, learn about assaying, and spend some time in the company of our two burro mascots Nugget and Chism! Join WMMI, the Florissant Fossil Beds, Pilot Mining, the Gold Prospectors of Colorado, and more as we enjoy a fun and educational day for the whole family! WMMI invites you to its Family Exploration Day on GEOLOGY! All included with paid museum admission. *(Admission for GPR members should be free with your member's badge)*

Prospecting/Mining Notes: (mostly from the Denver Post, Internet and other wire services)

11-6-15 Digging into the 1872 Mining Law: Western Senators launch an effort to reform legislation to spur cleanup of sites. Colorado Senator Michael Bennett and New Mexico Senators Tom Udall and Martin Heinrich joined in sponsoring a Bill that will apply to existing and new mining operations. They intend to try to 'reform' the Mining Law to allow them to require miners to pay additional fees as well as royalties with the monies going to a fund to assist in cleanup of the West's abandoned mines. *(I warned everyone that we hadn't heard the last of the Gold King spill and it would come back on us miners...well, here we go....JJ)*

11-7-15 Mountain Village Washed Away When Mine Dam Breaks: Damage was widespread Friday in Bento Rodriguez, Brazil, after a dam burst at a mining waste site. A deluge of thick, red mud smothered the village, killing at least 2 people, injuring 4 and another 13 were missing. The government later reported that upwards of 100 people from



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the village numbering some 600, had not been accounted for and only 10 of the 200 housed in the village remained standing.

11-13-15 Colorado, EPA clast over Gold King Mine Spill: Colorado officials are disputing the EPA accounts of the botched clean up at the Gold King Mine. The EPA states that it had the approval from Colorado officials and the Colorado officials are saying that is not true. Colorado officials say they neither said yay nor nay to the plan submitted by the EPA. *(And now the blame game begins. I stated several months ago that all this would happen and now the fun and games begin...we are in the next stage of a long period of he said, she said...the saga shall continue....JJ)*

11-21-15 Layoffs at Mine and Mill: Freeport McMoRan Inc. plans to lay off more than 200 employees at the Henderson Mine and Henderson Mill early next year. Production at the Clear Creek County mine and the Grand County Mill has been slow as a result of slowing in the molybdenum market according to mine officials. The timing of the reduction is yet to be announced and the company has indicated that the layoffs are 'temporary', however, the projected duration was not indicated. Last month, the company announced it would be laying off 430 from its Sierrita Mine near Tucson, Arizona.

What is Mining?

This month, we will conclude our discussion of mining. I will throw in a few fun facts that you might find interesting.

Abandoned mines: There are upwards of 560,000 abandoned mines on public and privately owned lands in the United States alone. Abandoned mines may be dangerous to anyone who attempts to explore them without proper knowledge and safety training.

Records: Chuquicamata, Chile, site of the largest circumference and second deepest open pit copper mine in the world. (photo at right).

As of 2008, the deepest mine in the world is Tau Tona in Carletonville, South Africa at 3.9 kilometres (2.4 mi), replacing the neighboring Savuka Mine in the North West Province of South Africa at 3,774 metres (12,382 ft). The East Rand Mine in Boksburg, South Africa, briefly held the record at 3,585 metres (11,762 ft), and the first mine declared the deepest in the world was also TauTona when it was at 3,581 metres (11,749 ft).

The Moab Khutsong gold mine in North West Province (South Africa) has the world's longest winding steel wire rope, able to lower workers to 3,054 metres (10,020 ft) in one uninterrupted four-minute journey.

The deepest mine in Europe is the 16th shaft of the uranium mines in Phibram, Czech Republic at 1,838 metres (6,030 ft), second is Bergwerk Saar in Saarland, Germany at 1,750 metres (5,740 ft).

The deepest open-pit mine in the world is Bingham Canyon Mine in Bingham Canyon, Utah, United States, at over 1,200 metres (3,900 ft). The largest and second deepest open-pit copper mine in the world is Chuquicamata in Chuquica, Chile at 900 metres (3,000 ft), 443,000 tons of copper and 20,000 tons of molybdenum produced annually.

The deepest open-pit mine with respect to sea level is Tagebau Hambach in Germany, where the base of the pit is 293 metres (961 ft) below sea level.

The largest underground mine is the Kiirunavaara Mine in Kiruna, Sweden. With 450 kilometres (280 mi) of roads, 40 million tonnes of ore produced yearly, and a depth of 1,270 metres (4,170 ft), it is also one of the most modern underground mines. The deepest borehole in the world is the Kola Superdeep Borehole at 12,262 metres (40,230 ft). This, however, is not a matter of mining but rather related to scientific drilling.



Metal Detecting Hunt

The Club hosted its annual metal detecting hunt on November 7 at Majestic View Park in Arvada. Some 17 members and one small helper showed up to search for the more than 200 targets that were hidden. When all was said and done, 162 targets were located and a number of prizes were awarded to those lucky individuals who were able to find those targets. The weather again was absolutely perfect for a day of detecting and everyone who participated had a good time. There were a few pretty cool finds that went beyond the targets





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that were planted. Even Prospector Pete put in an appearance and was reported to have had a good time as well. Pres. Long and BM Joe Fortunato were on hand to assist the contestants during the hunt. Pres. Long was able to get a few photos.

Winners included: Brian Henry, George Sullivan, Bill Reese, Bobby Manning, Jim Claxton, Chuck Cown, Walt Nowakowski, Jack Meineke, John Johnson, and Don Breithaupt.

Well done guys and gals!!!

Grains, Grams, Pennyweights? So How Much Is My Gold Worth?

As appearing in *The Gold Nugget*, July 2001

by Gary S. Turk, President of the Gold Prospectors of Colorado, Colorado Springs



You will hear people talking about their gold in terms such as flakes and flour. Some people will tell you that a nugget they found weighs a pennyweight. When you are new at this, these terms sound real foreign. So, just what do all these things mean?

What To Call That Gold You Found

Flour -- This should be obvious. The gold you found looks like baking flour, only it is gold. Sometimes it is even microscopic in size, and people wonder how you found it without a magnifying glass.

Spec -- This is going to be just a bit bigger than flour, but it is still very small.

Flec -- This is similar to a "spec," but it is flatter in shape, and still very small.

Flake -- Now we're getting somewhere! A "flake" is going to be larger in size. You will begin to get excited when the gold you are finding reaches FLAKE size. A FLAKE is still too small to pick up with your finger, but you can get it with a tweezers.

Picker -- Yahoo! This is a piece of gold big enough to pick up with your finger and thumb. If you have to fumble around to get it, it is a "small picker." If you can pick it out rather easily, it qualifies as a "nice picker." If it is real easy to pick up, it is probably a "big picker."

Plinker or Small Nugget -- When you actually hear a piece of gold hitting the bottom of your pan or the bottom of your sluice, you may get real excited. Some people call these "plinkers," but for the most part, they are "small nuggets."

Nugget -- If one dents your pan or sluice, no doubt about it, you got a "NUGGET!"

This Is the Way to Compute Actual Value of the Gold You Have

Please note that the gold value used in the following computations (\$650.00) is only for demonstration purposes, and is not necessarily the current value of an ounce of gold.

Grain -- Take the value of gold and divide it by 480. This will give you the value of a grain. For example, \$650 divided by 480 = 1.35. So, each grain of gold you have is worth \$1.35.

Pennyweight -- Take the value of gold and divide it by 20. This will give you the value of a Pennyweight (dwt). For example, \$650 divided by 20 = 32.50. So, each pennyweight of gold you have is worth \$32.50.

But wait! There's more! -- If your nugget is large enough to be made into a jewelry piece, its value increases. Also, if your nugget has "character," that is, it looks like something or somebody in particular, then it also has increased value. This value can double or even triple the value of the nugget you have.

These Are the Scientific Measures of Gold

1 Ounce (oz) = 20 Pennyweights or 31.10 Grams or 480 Grains

1 Pennyweight (dwt) = 1.56 Grams or 24 Grains

1 Gram (gm) = 15.43 Grains

So, Figure It Out

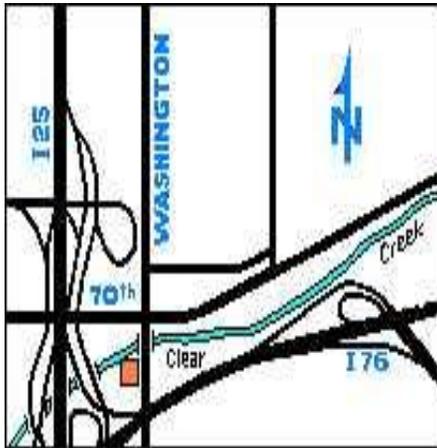
If you find a "picker" that weighs 48 Grains, it also weighs 2 dwt (Pennyweight), and it also weighs 1/10th of an ounce. To add just a bit more confusion, this measurement system is based on "Troy ounces." These are not the same ounces as we normally use to weigh and measure everything else. "Troy" is used for measuring precious metals only. You see, a pound in "Troy" is only 12 ounces! When you measure flour or whatever, you are using the "Avoirdupois" weight



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system. That is, 16 ounces to a pound. Why? I don't know, it's a French thing. Just remember, when you have a "pound" of gold, it is 12 "Troy ounces.

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The Gold Nugget

Gold Prospectors of the Rockies
PO Box 150096
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ADVERTISING IN THE GOLD NUGGET

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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 Jan 2016

(WMMI - Western Museum of Mining & Industry, 225 North Gate Blvd. Colorado Springs, CO 80921 (www.wmmi.org))

SUN	MON	TUE	WED	THU	FRI	SAT
					1 New Year's Day	2 Newsletter Advert/Article Copy Deadline
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18 Martin Luther King Day	19	20 GPR Club Meeting	21	22	23
24/31	25	26	27	28	29	30