An Inexpensive Method of Gold Sluice Clean-up

By Paul Nagy

The October club meeting featured a demonstration by Jeff Mosteller and Allen Mershon of an inexpensive and easy-to-construct apparatus for sluice clean-up. Jeff is the club's Vice President and Allen is the Program Chairman. Both are on the club's board of directors.

Fine gold has been the bane of placer gold miners from time immemorial. ("Fine gold" refers to particle size, not purity.) There are two basic criteria for the valuation of any gold deposit: 1.) Is there enough gold per ton and in total to be worth mining, and 2.) If there is enough gold can it be recovered at a profit. This applies to giant gold placers such as in the Snake River in Idaho or at the huge beach placer at Nome, Alaska. In both cases enough of the gold is so fine ("Hour gold") that the deposits have defied profitability despite intensive research and trial over many decades.

The same criteria and fine-gold problems apply to the watersheds most often prospected by our club members—the Clear Creek and Arkansas River systems. Although as hobby miners we aren't required to strictly monitor profitability, we like to capture as much gold as we can. To this end there is continuous development of devices and methods to improve the recovery of fine gold from the material caught in the sluice box.

The apparatus demonstrated uses a 2-foot length of plastic residential roof gutter as a small sluice. The bottom of the sluice is lined with ribbed rubber matting such as found in certain auto floor mats or door mats. Water is circulated via a 3/4 inch diameter plastic hose. Power is generated by a small electric motor pump which can be obtained from boating supply stores (battery-powered bilge pump) or from home improvement centers.

The Prez Sez

By Gary Hawley, President

We are winding down the year but there will still be plenty of warm days to do some prospecting. Actually, this is a good time to develop additional concentrates so you will have some panning material to work on when the snow arrives. Jeff Mosteller and Allen Mershon showed us how to do cleanup of concentrates at the October meeting.

I am still trying to contact the new curator of the Museum of Mining in Colorado Springs to see if the museum would be interested in the trommel the club has had for years. It would take a lot to get it working and it is too large for our activities. The museum would be a perfect place for it.

Jim Intriglia and Sue Lemieux have volunteered to be Events/Outings Coordinators and

VP's Corner

By Jeff Mosteller, Vice President

Greetings!

I don't have a big article planned for this month so let me recap the 2005 demonstrations season. Here's a few stats for this year.

- We had 12 shows that covered 18 days.
- We handed out somewhere between 3500 to 3800 gold cards.
- We had somewhere around 3600 people visit our booth over the season.
- I have not finished counting all the cash numbers to the club as of yet but

Join Us on the Third Wednesday!

Lloyd G. Clements Community Center
1580 Yarrow St., Lakewood, Colorado
(One block west of Wadsworth, then one block north of Colfax)
7:00 p.m. (Board Meeting at 6:00 p.m.)
Information: (303) 933-1147 <> ghawley1@juno.com
Website: http://www.GoldProspectorsOfTheRockies.com/

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GPR Events Calendar

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<th>Month</th>
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<th>Activity</th>
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<tr>
<td>Nov</td>
<td>11</td>
<td>12:00p</td>
<td>Class</td>
<td>GPS (Global Positioning System) Class, Building 810, Federal Center. Info: 303-202-4640</td>
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<tr>
<td></td>
<td>16</td>
<td>7:00p</td>
<td>Meeting</td>
<td>Presentation:</td>
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<tr>
<td></td>
<td>18-20</td>
<td>12:6p Fri</td>
<td>Event</td>
<td>Flatirons Mineral Club Show, Elks Lodge, 2975 28th St., Boulder, CO. For Info: John Hurst (303) 443-7885, <a href="mailto:johnhurst2@comcast.net">johnhurst2@comcast.net</a></td>
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<tr>
<td>Dec</td>
<td>21</td>
<td>6:30p</td>
<td>Meeting</td>
<td>Christmas Potluck Dinner Meeting</td>
<td>Gary Hawley</td>
</tr>
</tbody>
</table>

All GPR meeting presentations and trip activities are subject to change. Non-club prospecting-related events may be included for your information. Members attending any trip activities are asked to be sure to sign up or contact the event coordinator prior to the activity to allow planning for an estimated number of people and so attendees may be contacted in the event of any change, cancellation, or rescheduling. For events added after the meeting, check the GPR website.

Please plan to arrive at panning demos one hour in advance of the start time.

(Continued from Prez. Sez, page 1)

Donna Mosteller has agreed to take charge of the club clothing sales. Thanks to these members for all their help.

Our club picnic on October 22 at Tynkovich Meats was a great success. Twenty-seven members gathered for burgers and hot dogs in the sun. We had warm weather, clear skies, great food selections, and Jeff Mosteller did an excellent job as top chef. Most attendees brought their panning gear and attacked the stream in search of gold! Several prospectors had a good showing of colors by the end of the day.

The panning demos have ended for this year. Jeff and his dedicated group of volunteers have made this a banner year in the number of people who have been taught how to pan for gold.

The second clue for the GPR Cache was given at the October meeting. Keep track of the clues. It should become very interesting in the next couple months.

Our November meeting will be for elections. This is a very important meeting that all members should attend. It is your chance to run for an officer or board position and to vote for those you think will best serve the club.

Be sure to read Kathy Hawley's "From the Ledger" article in this edition of The Gold Nugget. She has selected some beautiful nuggets for the nugget drawings just for this meeting!

(Continued from Sluice, page 1)

(electric sump pump). Either is economical and blessedly quiet.

The object is to adjust the sluice angle and flow-rate of the water to wash out the black sand and other waste, but capture the fine gold. Because the water is recycled from 5 gallon buckets and all the reject material is saved, the material can be reprocessed, if desired, to check results and maximize recovery. According to its builders, the performance is as good or better than commercial devices such as gold wheels or vibrating tables, and the cost is much less. The parts can be bought for perhaps fifty dollars--less than one fifth the cost of a gold wheel and less than one tenth that of a table.

In a reversal of life's lesson, gold placering teaches us that if you take care of the little things, the big things will take care of themselves!

What Is a Trime?

By Joe Johnston

The "Trime," a popular but tiny United States coin, was first minted in 1851 of .900 silver and .100 copper, with a diameter of 14.0 mm. Over the years of production there were three types produced in silver until 1873. From 1865 through 1889 the nickel's composition was changed to .750 copper and .250 nickel, with a diameter of 17.9 mm.

For more information on this coin visit http://www.usmint.gov/kids/index.cfm?fileContents=coinNews/ctm/2005/10.cfm

We know them as the 'Silver Three Cent' and 'Nickel Three Cent' coins, but they were not the smallest US coin minted. What was the smallest US coin minted?

The Liberty Head type $1.00 gold coin, 1849 to 1854, with a diameter of only 13.0 mm, weight 1.672 grams; composition .900 gold and .100 copper; reeded edge; mints: Philadelphia, Charlotte, Dahlonega, New Orleans, and San Francisco. Net Weight .04837 oz. pure gold. See you at the Finds Table!

It's Membership Renewal Time!

Coming up in January is the time for most of us to renew our membership! Let's do it before then so Cindy Douthard can get everything all lined up!

Remember, you continue to receive The Gold Nugget on a regular basis, get to attend the club outings that are planned during the year, participate in club meetings, attend the club workshops, use the club library, get notified of special activities in gold prospecting and metal detecting being offered by other clubs in the area, receive other club members' knowledge and experience in the hobby, have fellowship with people who share a love for and an interest in prospecting and metal detecting, have the opportunity to participate in the club as a forum, and receive a membership card for each member of the family.

Members are in good standing when their fees are paid for the current year. Members are required to abide by the Code of Ethics, Bylaws, and Standing Rules of the club.

Chuckles

Submitted by LeRoy Lamgo

I signed up for an exercise class and was told to wear loose-fitting clothing. If I HAD any loose-fitting clothing, I wouldn't have signed up in the first place!
Notes from Last Month's GPR Meetings

Board Meeting
by Gary Hawley, President

Roll Call
In Attendance: Gary Hawley, Jeff Mosteller, Kathy Hawley, Joe Johnston, Paul Nagy, Cindy Douthard, Hank Innerfeld, Terry Weatherly.
Unable to Attend: Jim Jarnutowski, Allen Mershon, Matt Schreiner, Joe Shubert.

Quorum Present?
Yes.

Call to Order
The meeting was called to order at 6:20 p.m. by Gary Hawley.

Reading and Approval of Minutes
Read by Gary Hawley and approved as corrected and read.

Treasurer's Report
Accepted as read and available at tonight's general meeting.

Correspondence
Newsletters from other clubs.

Committee Reports
Reports: Presented and accepted.

Unfinished Business
Club Trommel. Gary Hawley. Mining Museum has a new curator. Contact will be made with him/her.
Events/Outings Coordinator. Gary Hawley, Jim Intrigilia and Sue Lemieux have volunteered to share this responsibility.
Board Withdrawal. Matt Schreiner. Matt must withdraw from the board--school and work hours. Donna Mosteller will take his place at the clothing sales table.
Volunteer Recognition. Jeff Mosteller. Jeff is checking into a method of recognizing volunteers who assist with the panning demonstrations. He will develop guidelines and present his ideas to the Board. Several ideas were discussed and a final decision should be available after the November meeting.
Boy Scouts Environmental Sciences Merit Badge. Allen Mershon. Tabled until contact is made by BSA.

New Business
No new business was discussed.

Planned Outings
Club Picnic. Jeff Mosteller. The picnic will be held on October 22 at Tymkovich Meats.
Outings. Refer to the GPR Events Calendar in The Gold Nugget.

Announcements
Next Board Meetings: November 16, 2005, at 6:00 p.m.
Next General Meeting: November 16, 2005, at 7:00 p.m. This will be elections night.
Tonight's General Meeting Program: Jeff Mosteller and Allen Mershon demonstrate an easy concentrate processing method.

Adjournment
Meeting stands adjourned at 6:55 p.m.

General Meeting
By Paul Nagy, General Meeting Recorder

Prez Gary Hawley calls meeting to order. Pledge of allegiance lead by Dakotah Intrigilia.
Nominations are being accepted for club offices and board of directors. We have enough gold for prizes to last us perhaps into the spring. The treasurer's report is available on request.
Cindy Douthard gives the membership report: 119 individual and family memberships. No guests.
Jeff Mosteller gives the VP's report. In eighteen days of panning demos we had about 3600 visitors and handed out about the same number of club business cards. Jeff thanks all participants. (Most thanks go to Jeff & Donna Mosteller themselves, of course!--Recorder)
The club picnic is scheduled for October 22 at Tymkovich Meats as last year. Meat and buns supplied. Bring a dish to share.
The last panning demo of the year was at Rock Ledge Ranch near Colorado Springs. LeRoy Lamgo inquired about the new business cards. They are on order.
Prez Hawley thanks Leroy for tapping gold flakes to business cards.
Rick Miska gives the question of the month. Later he gives the answer and awards prize tickets to winners.
Prez Hawley announces that tonight's largest prize nugget is 2.4 grams. Sue Lemieux and Jim Intrigilia have volunteered as co-coordinators of club events. Many Thanks! Jim promptly put out questionnaires to poll members on what activities would interest them.
Jerry Jensen is liquidating his prospector's supply business. Everything goes at cost. The November meeting is your last chance to stock up cheap.
In regard to enquiries about the club obtaining mineral claims, Prez Hawley reminds that the difficulties of claim maintenance and legal liability do not make this a good idea at this time.
Evening's program - "An Inexpensive Method of Gold Sluice Clean-up."
Joe Johnston awards the finds of the month.
Prize drawings, then adjourn meeting.

Denver, South Park & Pacific, (D.S.P.&P.) - 1873-1937
By Joe Johnston

- Founded 1873 and ran from 6th and Larimer to Morrison.
- Reached Buffalo Creek in fall of 1878.
- May 1879 left the North Fork of South Platte to top of Kenosha Hill and reached Tarryall Creek in South Park.
- Trains traveled at approximately 20 mph.
- Trip from Denver to Fairplay took approximately 6 hours.
- Discontinued in 1937 and tracks removed in 1938.

McTighe, James; Roadside History of Colorado, P. 184-185 (Turkey Creek Canyon)

Chuckles
Submitted by LeRoy Lamgo
Stress is when you wake up screaming and then you realize you haven't fallen asleep yet.
**Drawing Winners**
By Kathy Hawley, Drawings Coordinator

**Nugget Drawings**
2.4 gram nugget.............................................. Lisa Berta
1.6 gram nugget.............................................. Donna Mosteller
1.4 gram nugget.............................................. Barbara Conte
1.3 gram nugget.............................................. Barbara Conte
0.9 gram nugget.............................................. Donovan Greene
0.8 gram nugget.............................................. LeRoy Lamgo
0.6 gram nugget.............................................. Cindy Douthard
0.5 gram nugget.............................................. Jeff Mosteller
0.4 gram nugget.............................................. Cindy Douthard
0.4 gram nugget.............................................. Joe Johnston
0.3 gram nugget.............................................. Joe Fortunato
0.2 gram nugget.............................................. Robert Deschambault

**Members Only Drawings**
0.2 gram nugget.............................................. Donovan Greene
  (Donated by the Club)
Gold Necklace .............................................. Rick Miska
  (Donated by LeRoy Lamgo)
Earrings ...................................................... Gale Herbertson
  (Donated by LeRoy Lamgo)
Pen ...................................................................... Joe Johnston
  (Donated by Hank Innerfeld)
Magnifying Glass ............................................. Andy Doll
  (Donated by Allen Mershon)
Glass Vials ...................................................... Terry Weatherly
  (Donated by Allen Mershon)
2005 Quarter ................................................... Peg Duncanson Brozek
  (Donated by Joe Johnston)

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**Find of the Month/Year**
By Joe Johnston, Find of the Month/Year Coordinator

**Largest Raw Gold**
Larry Weilnau ........... Rocks w/Gold, Whites MXT, Lake County

**Most Raw Gold**
Larry Weilnau ........... Placer Gold, 2.7g, Arkansas River, Dredging
Jay Nunn ........... Gold and Pyrite, 0.6g, North Clear Creek
Joe Fortunato ........... Placer Gold, 0.4g, 5 hours work, Yesterday

**Best Jewelry**
Joe Johnston. 1940s-1950s Broach Pin, Airplane w/GlassStones
Jay Nunn ........... Ring
Jay Nunn ........... Assorted Coins, 1966 oldest

**Oldest Coin**
Joe Fortunato ........... 1926D Wheat Penny
Jay Nunn ........... Assorted Coins, 1966 oldest

**Most Valuable Coin**
Joe Johnston ........... 1952 Jefferson Nickel ($1.00)
Joe Fortunato ........... 1964D Dime ($0.80)

**Most Unique (Excavated)**
Dakotah Intriglia ........... Nails and stuff, found on my property
Joe Johnston ........... Rail spikes from D.S.P.&P. (See story)
Larry Weilnau ........... Old boot, Arkansas River, Dredging

**Most Unique (Non-Excavated)**
Bill Duncanson ........... Sandstone, an oddity!
Bill Duncanson ........... Sandstone, fossil
Joe Johnston .... 1938 Colorado License Plate, D.S.P.&P roadbed

**Best Bottle**
No Entries...........
From the Ledger
of Kathy Hawley, Treasurer

Thanks to LeRoy Lamgo, Hank Innerfeld, and Allen Mershon for the donations to the "Members Only" drawing.

We will continue to sell tickets for the "Special Drawing Nuggets" at the November meeting. We have a 12.7 gram California nugget, an 11.5 gram nugget from Australia, and a 12.3 nugget from Siberia. They are all beauties.

The November meeting is our election meeting. I will have some very special nuggets for the drawing. We will give away a total of 31.2 grams of gold with the smallest nugget being 1.0 grams (no, smallest was not a misprint). The largest nugget will be 4.2 grams.

So like I always say, come prepared to buy some extra tickets and Good Luck!

Food for Thought
By Jackie Barker, Refreshments Coordinator

We enjoyed seeing everyone again. Our thanks go to LeRoy Lamgo for the huge cheese and fruit platter, and to Hank Innerfeld for his always tasty and healthy banana bread. A very special thank you goes to Sue Lemieux for making and sharing cupcakes to help celebrate her birthday.

Enjoy the beautiful fall weather and we'll see you next month. Remember, always keep your words soft and sweet, just in case you have to eat them. Jackie and Michael

Reminder of Elections and Ken Barker Award
by Joe Shubert

Hello fellow GPR members.

This is a reminder that at the November meeting we will have the Election of Officers for 2006.

At this meeting we also nominate the person to receive the Ken Barker Award. Be thinking of a person that you think is the best and most deserving candidate for that award. I will have Nomination Forms for the nomination of a person to receive the award and a container in which you may deposit your Nomination Form. The nominations will be counted and the name of the person with the most nominations will be given to the President within seven days. The award will be presented at the December meeting. The Nomination Forms and a tally of the count of the names will be given to the Treasurer to be kept as a permanent record of the nomination of a person the receive the award. The rules for the Ken Barker Award were published in the September issue of The Gold Nugget.

GPR GOLD PANNING DEMONSTRATIONS

Know an organization that might want us to set up a gold panning demonstration booth? Contact Jeff Mosteller
(303) 202-9302 <> jefndona@comcast.net
For additional information and photos, see http://www.GoldProspectorsOfTheRockies.com/

(Continued from VP's Corner, page 1)

It looks like we are over a thousand dollars in donations and contract agreements for the year.

I want to give a BIG "way to go" and a round of applause to the following people who gave of their own time and efforts to make the 2005 Gold Panning Demonstrations a success; put yourselves on the back. Without all of you this activity would not be possible. I want to give a special thanks to James Intrigila and Jerry Jensen for taking on the classrooms in their areas and doing small-scale demonstrations for different schools up in the foothill communities. On behalf of the club, myself, and Donna, Thank you for all your help.

• Chuck & Sharon Cown
• Rob Deshambault
• Andy Doll
• Cindy Douthard
• Ed Finney
• Gary & Cathy Hawley
• Hank Innerfeld
• James & Dakota Intrigila
• Jim Jarnutowski
• Joe Johnston
• Mary Kathers
• LeRoy Lamgo
• Sue Lemieux
• Wayne & Diane McCarroll
• Allen Mershon
• Fritz & Judy Meyer
• Rick Miska
• Paul Nagy
• Dick & Carol Oakes
• Con Ogdon
• Matt Schriener
• George & Peggy Stumpf
• Don Tiglas
• Larry & Shirley Weilnau

Be sure to attend the November meeting and get out the vote, it's important to the club for all of you to be involved.

Jeff's trivia question for the year:

Who made the following statement: "In the absence of the gold standard, there is no way to protect savings from confiscation through inflation. There is no safe store of value. If there were, the government would have to make its holding illegal, as was done in the case of gold. . . The financial policy of the welfare state requires that there be no way for the owners of wealth to protect themselves. This is the shabby secret of the welfare state's tirades against gold. Deficit spending is simply a scheme for the confiscation of wealth."

Chuckles
Submitted by LeRoy Lamgo

• When I was young we used to go "skinny dipping." Now I just "chunky dunk."
• The early bird still has to eat worms.
• The worst thing about accidents in the kitchen is eating them.
• Brain cells come, and brain cells go, but fat cells live forever.
**MEMBER CLASSIFIEDS**

**SPEEDAIRE COMPRESSOR FOR SALE**
New Speedaire Compressor, 3PH-5HP, 80-gal tank, upright. Current model price is $1,788; will sell now for $950. Contact Rose Ann or Jon Knight, (303) 450-0580 or (303) 252-1759

**THREE-WHEEL SCOOTER FOR SALE**
Shuttle Personal Transport System, 3-wheel mobility scooter, good condition, $950. Contact Rose Ann or Jon Knight, (303) 450-0580 or (303) 252-1759

**MINELAB DETECTOR FOR SALE**
Minelab SD-2100 metal detector with 8”, 11”, and 15” coils. For all the details, contact Ken Oyler, (303) 696-7230, (303) 523-8046, or goldfinder2@comcast.net

**MAX II 6-WHEEL-DRIVE ATV FOR SALE**

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**ADVERTISING**

in *The Gold Nugget*

<table>
<thead>
<tr>
<th>Commercial Ads</th>
<th>Classifieds</th>
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<tr>
<td>3.6” x 2.0” - Two Column Inches (Business Card Size)</td>
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**Non-Commercial Classifieds**

*Free to GPR Members*

**Send ad copy to (or request an Ad Sheet (ad deadline is 15 days before the month of publication)**

**WANTED: 3- OR 4-WHEEL ATV**

Three- or four-wheeler ATV wanted (cheap). "Needs work" is fine with me. Call me at (303) 404 2897 or e-mail me at goldhunter@rickshings.com

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**Some Excruciating Puns**

- Without geometry, life is pointless.
- Wear short sleeves! Support your right to bare arms!
- A good pun is its own reward.
- A man's house is his castle, in a manor of speaking.
- A pessimist's blood type is always b-negative.
- Did Noah keep his bees in archives?
- A Freudian slip is when you say one thing but mean your mother.
- Corduroy pillows are making headlines.
- Sea captains don't like crew cuts.
- A successful diet is the triumph of mind over platter.
- Two banks with different rates have a conflict of interest.
- A gossip is someone with a great sense of humor.
- When you dream in color, it's a pigment of your imagination.
- Reading while sunbathing makes you well red.
- She had a boyfriend with a wooden leg, but broke it off.
- A chicken crossing the road is poultry in motion.
- If you don't pay your exorcist, you get repossessed.
- With her marriage she got a new name and a dress.
- When a clock is hungry it goes back four seconds.
- The man who fell into an upholstery machine is fully recovered.
- You feel stuck with your debt if you can't budge it.
- Local Area Network in Australia: the LAN down under.
- He often broke into song because he couldn't find the key.
- A boiled egg in the morning is hard to beat.
- He had a photographic memory that was never developed.
- A plateau is a high form of flattery.
Many years ago in England, pub frequenters had a whistle baked into the rim, or handle, of their ceramic cups. When they needed a refill, they used the whistle to get some service. "Wet your whistle" is the phrase inspired by this practice.
DATED MATERIAL
Please check the date on your label to see the last month you may renew your GPR membership and continue your subscription to The Gold Nugget without interruption. Thanks, and happy prospecting!

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FIRST CLASS