

# Portland Gold Prospectors, Inc

## GPAA Portland Oregon Chapter



The Official Newsletter of the GPAA

# The Prospector

Volume 15 Issue 08

Website: [www.PortlandGoldProspectors.org](http://www.PortlandGoldProspectors.org)

August 2015

### Chapter Meeting:

August 16<sup>th</sup> 2015

At the  
Milwaukie, Oregon  
Grange Hall  
12015 S.E. 22<sup>nd</sup>

**Meeting Begins at  
--- 1:30 ---**

### Dates to Remember...



**August, 2015**

### Our next meeting:

**On August 16<sup>th</sup> 2015**

For every 2 cans of food you bring  
in you can get 1 ticket for our  
\$1.00 drawing up to 5 tickets



### The Presidential Post

From the President's Desk

Please join us on Sunday, August 16th. Come see what you missed out on (in photos and gold). We will be talking about the outings with the Vancouver Chapter and the work party at TYRoy and you may want to consider attending.

We will also be having equipment showing (not full working demos) and discussing how each functions. Possibly someone will do a panning demo too. If you're interested in making some equipment – we have some ideas that may be of interest to you. Come see.

We have some other great activities planned for August / September and following months, please join us to find out what's scheduled. Things are getting exciting and a lot more active. Come find out what it is.

If you are a new member and want to receive the newsletter electronically, please let me know. If you are not receiving it yet – it's probably because we didn't get it written down correctly.

We need your input on what "you" would like to see your Chapter doing this year as well. We welcome your ideas and want to hear from you.

Also, don't forget your canned donations, or your "silent auction" items. Bring your checkbook – we'll have two five gallon buckets (again) of TYRoy "paydirt" for the Silent Auction.

If you have friends, co-workers or others interested in learning about prospecting, invite them to join us and find out if it's something they'd like to do as well.

This is a great year to be prospecting and having fun and you can profit by others involvement and even find some gold. Remember memories become golden with time.

Sincerely  
David Chiara

# Portland Gold Prospectors, Inc.

Secretary's Report July 19, 2015

Milwaukie Grange Hall, 12015 SE 22<sup>nd</sup> Milwaukie, OR

Meeting called to order by President Dave Chiara at 1:33 pm

Pledge of Allegiance conducted.

## Attendance:

33 attendees at the meeting

2 visiting guests were present

## Meeting minutes:

A **Motion** was made and seconded to accept the Secretary's report as written and published in the newsletter.

The motion was approved by the Association members present.

## Treasury report: Beverly Parker

The Treasury report was read by the Treasurer to the association.

A **Motion** was made, seconded, and approved to accept the Treasurer's report as written.

## Correspondence:

Melinda Dorning read highlights of an email from GPAA President Brandon Johnson regarding appreciation to the vendors who donated prizes for the April 2015 GPAA Gold & Treasure Show in Portland. The email mentions that plans are underway for the April 2016 Gold Show at the Expo Center and he hopes for a committee to interact with the chapters, vendors and local media.

## President's Report:

Dave Chiara talked about the recent group event at the Tyroy claims near Baker City, Oregon (consisting of 3 claims, about 80 acres). With the approved Notice Level of Operation Plan participants were able to use mechanical equipment for digging and moving material. Dave stated the event turned out well and gold was recovered, although the ponds were beginning to dry up significantly. Reclamation of the ponds will take place later this summer.

Jerry Johns discussed the schedule of group events for the remainder of the year as listed in the June newsletter.

- August 1 & 2<sup>nd</sup> – Rice Museum, largest mineral collection in western US. Attend on your own.
- August 8 – **ADDED** Daybreak Park near Battleground, WA. Meet at 8:00 am. Members need to have the Washington Gold & Fish Handbook that can be printed online. Dredging and highbanking will be allowed from Aug 1-15<sup>th</sup> at this location.
- August 22 – North Fork of Santiam River – a new location where two rivers meet. Sign up sheets on the table.
- Sept. 6 – Lewisville Park, WA
- October 10<sup>th</sup> – Beverly Beach mining

## GPAA Claims:

Dave asked members who use the GPAA claims to complete the appropriate claims assessment form to submit to GPAA to document the use of these claims. This keeps the claims active for future use. He also reported we no longer have an active GPAA State Representative for Oregon.

## Membership:

Dave explained that membership with Portland Gold Prospectors can be obtained by simply attending 3 meetings or a combination of meetings and events. Membership with GPAA is not required to become an active member of Portland Gold Prospectors. For those who join or renew membership with GPAA, he asked that you tell GPAA you are a member of Portland Gold Prospectors to earn the association special points. Also, when signing the roster, please note your GPAA member number if you have one.

## Safety:

Jim Dorning discussed the signs and symptoms of dehydration, such as 1) dizziness, 2) headache, 3) dry mouth/nose, 4) weakness, 5) nausea or vomiting. To prevent dehydration one should drink extra water and eat fruits or vegetables containing sodium and potassium. Sports drinks can be helpful also because they contain electrolytes. Heat exhaustion and heat stroke are serious medical issues.

### Newsletter:

Dave Chiara mentioned that Bill Bench has agreed to be a temporary newsletter editor. The newsletter is available on the Association website. To have a copy mailed to you, there is a \$15.00 annual fee to cover printing and mailing costs

### Library:

Joe Weber told members the library is for their use with 2 new books available. The Oregon Gold Map was checked out and is due to be returned by the member who used it. Please let Joe know if there is a title you would like the association to purchase for members.

### Website:

Dave Chiara asked members to let him know if they experience any problems with the website

### Old Business:

Discussion followed about planning for the next GPAA Gold Show at the Portland Expo that will again be co-sponsored with the Vancouver, WA GPAA group. Dave asked members to plan to be involved, and start to think of additional businesses that could be asked to participate.

A review of the Tyroy project was discussed. Dave felt it was the best event ever at this location. Pictures of the area and activities were on display. About 70 yards of material was excavated and with the powered equipment they were able to backfill the area more efficiently. Some members went to the Baker City Eastern Oregon Miner's Assoc. meeting to show our support. It was a small meeting due to hot weather and mining activities.

In late August or early September a group will need to return to clean out the ponds using a dozer, backhoe or bobcat type equipment. Discussion followed on the amount of the current bond. Dave has talked to Steve Flock of the BLM about the next steps in our plan. Several members indicated they are available to assist with the year-end process that is estimated to take 3 days. No water is expected, so no processing will take place. Dave stated there are approximately 50 yards of material (sliens) to move out of the current ponds. The estimated rental cost in Baker City for equipment:

|             |                                |
|-------------|--------------------------------|
| Cat 8 Dozer | \$550. per day (8 hr on meter) |
| Bobcat      | \$240 per day (8 hr on meter)  |
| Backhoe     | \$295 per day (8 hr on meter)  |

Membership approval was sought for renting necessary equipment to perform the cleaning of ponds and beginning of reclamation. After several suggestions, Richard Ruth made a **Motion** to authorize up to \$2,000.00 if necessary spent from the association's general fund for rental costs during the next Tyroy work party. The motion was seconded and passed by the members present.

Jerry Johns talked about the Oregon DEQ 600 permit for highbanking and the 700 permit for dredging that are needed to comply with laws. A packet about a variety of permits is available; contact Jerry Johns if you need information.

### Silent Auction Items:

Dave mentioned the silent auction items at the July meeting are a metal detector and earphones; a tool carrier; a grinder; and 2 buckets of material from the Tyroy claim. Members are encouraged to bring items for others to bid on. The donation helps our association because we do not charge dues.

Code of Conduct: Dave Chiara reminded members to contact a Board member for any concerns about conduct or dealing with other members.

### Volunteers:

Many people have assisted the association by volunteering at events such as the UFO Festival in McMinnville, Cabela's store, OMSI, kitchen help and other areas. More volunteers are always needed. Jerry Johns is overseeing a recognition program for volunteers by offering a quarterly nugget drawing.

The only way to join the drawing is to volunteer! This month is the second time to hold a drawing for those who volunteered during April, May or June and the winner is Verne Freitas. Jerry announced the next drawing will be held to recognize those who volunteer during July, August and September. More volunteer opportunities are in the Gold Show committee, election chairman, reclamation outing, banquet committee, newsletter editor, and association brochure designer, plus others.

Audit Committee:

Bob Burns will oversee an audit committee to meet before the August meeting. Those who volunteered to review the records of the treasury are Bill Bench, Betty Bench, and Ron Barnes.

New Business:

Our association plans to have a group event (picnic/meeting, etc) with the Vancouver WA GPAA group so we can get to know their members and network together. One date suggested was August 8<sup>th</sup>. More information will come via email.

Dave mentioned that official association notebooks are on sale for \$8.00 for large zippered black books and \$6.00 for regular white notebooks that make a great way to organize your club information.

Dave Chiara thanked the kitchen staff and those who donated cookies.  
The meeting was adjourned at 3:22 pm after the raffle was held.

(Respectfully submitted by Melinda Dorning, Secretary)

## Outings Calendar and Upcoming Events

|                        |   |
|------------------------|---|
| Saturday Aug 8th       | Daybreak Park (WA) - Dredging and Highbanking allowed during this event. - ADDED      |
| Sunday Aug 16th        | PGPI Association - Business Meeting at 1:30pm   |
| Sunday Aug 22nd        | North Fork of the Santiam   |
| Sunday Sept 6th        | Lewis River (WA) - First time outing at this site                                     |
| Sunday Sept 20th       | PGPI Association - Business Meeting at 1:30pm   |
| Saturday Oct 10th      | Beverly Beach - Beach Mining  |
| Sunday Oct 18th        | PGPI Association - Business Meeting at 1:30pm   |
| Tuesday Nov 10th       | FREE PIZZA - 1st planning meeting for Annual (Pot Luck) Banquet to be held in January |
| Sunday Nov 15th        | PGPI Association - Business Meeting at 1:30pm. Annual Elections to be held            |
| Wednesday Dec 9th      | 2nd planning meeting for annual banquet.  |
| Sunday December 20th   | PGPI Association - Business Meeting at 1:30pm   |
| Thursday Jan 7th, 2016 | 3rd and final planning meeting for Annual banquet                                     |
| Sunday Jan 17th, 2016  | Annual Banquet - swearing in of officers, Door prizes                                 |

## Newsletter & Emails

If you have not been receiving the Newsletter by Email,  
Please email us at [portlandgpaa@aol.com](mailto:portlandgpaa@aol.com)  
Don't forget, you can also download the Newsletter from our website.  
[www.portlandgoldprospectors.org](http://www.portlandgoldprospectors.org)

# Gold Facts: How Much Gold is in the Earth's Core?

DAVE CHIARA 8

## "Big History" Gold Volume Facts

I watched a fascinating episode of the History Channel's "Big History" program recently called "[Gold Fever](#)". They presented the following amazing gold facts and figures:

- There is enough gold at the core of the earth to cover the surface of the planet in 12' to 13' depth. Unfortunately, it's 1,800 miles below our feet and at many thousands of degrees.
- They also indicate that all the gold ever mined would only stand at 80' on the Washington Monument (Washington, D.C.). The monument's base is 55' 1-1/2" (square). So, that's 246,050 cubic feet or 9,113 cubic yards. So, how many ounces is that?
- All the gold in Fort Knox would stand less than 3' on the same monument. So, that would be 9,227 cubic feet (342 cy).

The program indicates that all the gold mined and still being mined comes from meteorites that have hit the earth's crust since it cooled. Once in the crust, processes through heat and water have deposited it in places you and I can find it.

## Differing Gold Facts & Figures?

The program's statements about how much gold there is at the earth's core differs from all the other sources I could find. **Wikipedia**, for instance, states "because the inner core is denser (12.8 ~ 13.1)g/cm<sup>3</sup> than pure iron or nickel, even under heavy pressures, it is believed that the core also contains enough [gold](#), platinum and other siderophile elements that if extracted and poured onto the Earth's surface it would cover the entire Earth with a coating 0.45 m (1.5 feet) deep."

An article in the September, 2006 issue of [Discover Magazine](#) quotes Australian geologist Bernard Wood as identifying that

"there's enough gold in Earth's core to coat its surface in 1.5 feet of the stuff."

## “A Sea of Molten Rocks”

Professor Wood bases his figures on an **extensive survey of the makeup of the earth's core**, in which he concludes that

“Earth was probably covered in a sea of molten rock, hundreds of kilometers deep, early in its history. [The] “magma ocean” reacted with metals during the planet’s development, extracting many of the most important and interesting elements, including gold, and eventually depositing them in the Earth’s own iron-rich core.”

### ***What figures or theories have you read?***

**By Jad 01 Feb 2014**

*I have my own theories about gold , not that they've help me find it , but it makes logical sense to believe that there is gold in the earths interior , as well as in the Sun . I have never heard of gold pouring out from active volcanoes but it would definitely depreciate its value if it did., since it wouldn't be as scarce. I do believe that all matter that makes up our wonderful planet was mixed and blended in a horrifying and violent event during the creation that would be neither pleasant to behold and experience for humans. However , for God , it must have been one of His greatest joys and thrills . The creation of planets. What a wondrous thought.*

*That more gold can come up from under the earth to its surface is a very likely hypothesis, especially if there are land movements and earth quakes. The New Jerusalem – as mentioned in the book of Revelations – will have streets paved with gold when the Lord comes to reign in His millennium .That says a mouthful if you ask me , and that certainly raises a whole lot of questions ! That being so , it is likely that new gold will come up to the surface of the earth or the good Lord will tell His leaders where the gold is that is awaiting its use at the New Jerusalem !!!*



*So there you have it . Just one of my short and simple theories . Hope you enjoyed it .*

**By John 05 Mar 2014**

*Hi Dave,*

*Ok, so there is enough gold in Earth's core to cover Earth 1.5 and 12 deep. So how does one find some of this gold on the surface?*

*Of course, if any of us knew this, we probably wouldn't share it.*

*Back down to Earth, what can a prospector with a gold pan hope to earn by mining in the rivers and streams of the Pacific NW?*

*Thank you, John*

**By Dave Chiara 05 Mar 2014**

*Hi John – the depths are reported on the Science channel (so somebody has “figured it out”). Unfortunately what's at the core will stay there, but the blog tells you about the rest.*

*Regarding prospecting the Pacific NW – what you'll get the most of for sure is – experience. Doing it (prospecting) with just a gold pan will take you forever and a day to even find you enough to brag about. A small stream sluice will speed things up a bit, but if you want to get serious – you'll have to get into highbanking or dredging. I would suggest look up a local prospecting organization near you and get involved. That would help you pick up a lot more tips and instructions than I could possibly tell you in a few sentences. Best of luck, prospecting.*

*Dave*

The above article and comments are from the Gold Lab website ([www.thegoldlab.com](http://www.thegoldlab.com)) I enjoyed them and thought you may as well. Got something to add – drop me a comment. Dave





## PORTLAND GOLD PROSPECTORS INC.

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MEETING 3RD SUNDAY  
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## Article of the Month



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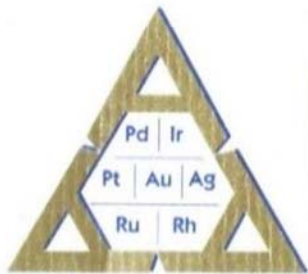
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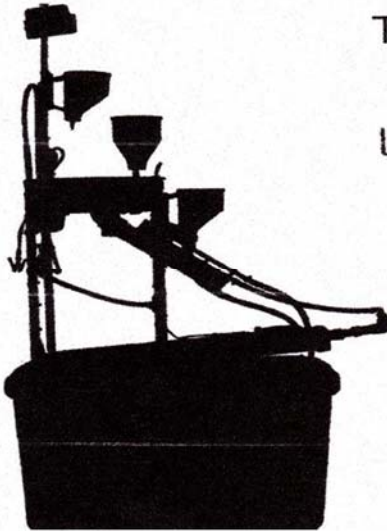
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If you won't stand up now we will lose all of our rights. We are an organization founded by some of the most experienced miners alive. We are teamed with other organizations fighting to take back our rights for land use, timber management, fishing, hunting and the other activities we, as Americans pay taxes to use.

We are supported by the mining equipment manufacturers; small businessmen; political representatives and of course by our claim holders. As a member of the WMA you will receive:

- Monthly e-mail updates on the legal fight
- Flash messages on critical events
- Access to our published reports on mining districts
- Join the Watershed district and the mining district

Here's a link to more info [http://westernminingalliance.org/?page\\_id=626](http://westernminingalliance.org/?page_id=626)

### GPAA Membership Renewal Credits

|                         | 1 Year                          | 2 Year | 3 Year | 1 Year w/o mining guide |
|-------------------------|---------------------------------|--------|--------|-------------------------|
| Buzzard Special         | 1,365                           | 1,820  | 2,730  |                         |
| GPAA Membership Renewal | 1,365                           | 1,820  | 2,730  | 1,365                   |
|                         | Paid in Full                    |        |        | Payment Plan @ Sign-up  |
| Gold Life Membership    | 20,000                          |        |        | 9,500                   |
| LDMA Membership         | 45,500                          |        |        | 18,200                  |
|                         | Once Expedition is Paid-in-Full |        |        |                         |
| Alaska Expedition       |                                 |        |        | 22,750                  |

WHEN RENEWING, PLEASE WRITE A NOTE OR IF BY PHONE TELL THEM YOU BELONG TO THE PGPI ASSOCIATION OR THE PORTLAND GPAA CHAPTER TO REQUEST OUR ASSOCIATION'S CREDITS.

These credits are used to buy things from the GPAA Catalog. If you do not have a GPAA Catalog, you can go to <http://www.goldprospectors.org/catalog/index.asp?PageName=Catalog> to see what they have available. If there is anything in the Catalog that you would like to have for the raffle, please let one of the board members know.

#### All members note:

The association earns purchasing points with renewal of GPAA Membership. Please tell them you are a Portland Gold Prospector member

2015  
Board Members

|  |  |
|--|--|
| <b>President:</b><br>Dave Chiara 503-285-8553<br><a href="mailto:dmchiara@comcast.net">dmchiara@comcast.net</a>    | <b>Vice President:</b><br>Jerry Johns 503-649-4702<br><a href="mailto:Jerry.j.johns@intel.com">Jerry.j.johns@intel.com</a> |
| <b>Secretary:</b><br>Melinda Dorning<br><a href="mailto:mdorning@frontier.com">mdorning@frontier.com</a>           | <b>Treasurer:</b><br>Bev Parker 503-666-4301<br><a href="mailto:bevpark@comcast.net">bevpark@comcast.net</a>               |
| <b>Claims and Outings:</b><br>Ken Burns 503-631-3071<br><a href="mailto:cruisehl@yahoo.com">cruisehl@yahoo.com</a> | <b>Sergeant at Arms:</b><br><br>To Be Determined   |

Board Members At Large

| 2014-2016   | 2015-2017   |
|---|---|
| Richard Ruth 503-663-9087<br><a href="mailto:Richard.ruth5@comcast.net">Richard.ruth5@comcast.net</a> | Bill Bench<br><a href="mailto:swbench@comcast.net">swbench@comcast.net</a>                        |
| Joe Weber<br><a href="mailto:Joewebo01@yahoo.com">Joewebo01@yahoo.com</a>                             | Charlie Foster 503-630-7669<br><a href="mailto:fostercr@rconnects.com">fostercr@rconnects.com</a> |
| Robert Burns (2015 only)<br><a href="mailto:Rdburns77@hotmail.com">Rdburns77@hotmail.com</a>          | Penny Parsons<br><a href="mailto:tophillemu@aol.com">tophillemu@aol.com</a>                       |

Supporting Members

|   |  |
|---|--|
| <b>Librarian:</b><br>Joe Weber<br><a href="mailto:Joewebo01@yahoo.com">Joewebo01@yahoo.com</a>                | <b>Safety:</b><br>Jim Dorning<br><a href="mailto:mdorning@frontier.com">mdorning@frontier.com</a>                |
| <b>Equipment:</b><br>Ken Burns 503-631-3071<br><a href="mailto:cruisehl@yahoo.com">cruisehl@yahoo.com</a>     | <b>Newsletter:</b><br>Bill Mutton<br><a href="mailto:billsgreatgifts@gmail.com">billsgreatgifts@gmail.com</a>    |
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**The Printed version of this newsletter is just the most important news about  
Portland Gold Prospectors Association Meetings.**

If you would like to see the entire Newsletter you can have it Emailed to you  
Or go to [www.PortlandGoldProspectors.org](http://www.PortlandGoldProspectors.org) and you can view or download the whole  
Newsletter there. I really want to make it very informative and complete, but it would  
Be far too expensive to print out the longer version of the newsletter.