

THE GOLD NUGGET

September 2020

The Meeting for September is Cancelled!

I spoke to the Clements Center on July 29 and they are limiting the meetings to only 50 people and they must be masked and maintain 6' social distancing. Therefore, we are still unable to conduct meetings due to the size of our Club. As soon as the governor (*not my governor*) issues new directives, they will let me know.

The **Club picnic for Aug. 15 has been cancelled** due to the social distancing requirements established by the governor and the City of Lakewood.

The **Prospecting Outings Scheduled for Black Hawk have also been cancelled.** They are dependent upon Gilpin County opening up their restrictions. Again, I will notify the membership as soon as I can determine any change in their regulations!

Until then, please stay safe and pray for an early return to normalcy!! THIS YEAR HAS GONE TOTALLY NUTSO!!!

The Prez Sez by Jim Long



Not much change to the current state of affairs. The Tri-County Covid mandates along with the Governors mandates continue to preclude us from getting a meeting going. That is just because we have the unfortunate privilege of drawing so many members to our meetings that we can't fit within the guidelines permitted. It is kinda of bitter sweet in as much as we have a very large membership that makes it impossible to meet together under these guidelines. Hopefully, this insanity will soon go away and we can return to some degree of normalcy.

In the meantime, gold has been on a roller coaster ride. Shortly into August, it roared up as high as \$2084.00 an ounce and within two days fell back to 1934, a drop of 150. It has bounced around in the mid 1900's ever since. Silver has risen from around 17.50 to near 27.50, a 33% increase in value. A number of factors have driven this crazy course of events. The covid crisis for one, the economical war of sanctions on China for another, and a half dozen other factors all driving a certain degree of uncertainty in the market with investors. All of that has resulted in an up/down state of affairs that has been very interesting to watch. One thing I have noted is that this dramatic but steady climb of gold has not started a mad 'gold rush' like it did back in 2010, at least I am not seeing the influx of people, phone calls, or other signs that one is happening. As all of you know, unless you have the good fortune of already having enough capital to purchase large machinery and have a darn good placer claim with fantastic values, you are destined to pan and sluice for scraps like 99% of us and danged lucky to pull an ounce a year. Back to the same old story of spending 10 bucks to make just one which is not good enough for anyone wanting to get rich quick, that is for certain.

The Club is fast approaching the Fall season and we are now in the 'dog days' of summer. Elections will be soon upon us and there will be several openings on the Board. As I have stated previously, I must step down as your President. The health situation of my wife is so time consuming that I am no longer able to get away for any substantial length of time. Her care needs preclude me having that luxury now. It is what it is.! I will continue as a member of course and always available for advice and such and will help the transition all I can. The job isn't really all that difficult as our previous President, Gary Hawley and I, have pretty well established a fairly well-oiled machine. It took us 15 years to develop what we have today. So, there will be opportunity for several people to step up, take the reins, and continue the direction the Club has taken. This Club is literally the largest gold Club in the Denver area and we do a lot of things for the members. The membership dues are the most affordable of most in the State. Last year, our total profit was a mere \$74.00, keeping us solidly in line with our non-profit status and on target with our goal of turning every dollar made back to the membership in terms of gold nugget giveaways and Club Events minus necessary expenses. Not one dime goes to any Board Member in terms of salary or other compensation. And that is how we want to keep it. I am content that the right folks will step up and I will be there to help them.

Somebody asked me the other day, 'Can you still find gold out there?' And of course, my response was absolutely...! Just don't expect to get rich doing it. There are always the rare instances of the family in Australia who just recently found two huge nuggets while metal detecting, all in the same day and within a very small distance of each other. I did a short TV thing for Fox 31 Morning News this month with Field Reporter Dan Deru. He had done one years ago with Ken Barker of our Club and we went down to Clear Creek in the same spot the Ken had done it back in the day, to do a few



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live shots for the morning program. Of course, I had no problem showing Dan a little ‘color’ and his cameraman, Cody, was so intrigued that he wound up panning the whole time during the two hours we were down there whenever he was off camera. Great guys and we had a good time even though the water was extremely low and there was a lot of moss around. It was the current rise in gold prices that brought Dan to wonder if we were still about and if there was still gold to be found. He was happy to report yes on both scores. Dan is a history buff and was fascinated with the old stories of the Colorado Gold Rush and how so much of it started right here along Clear Creek. Of course, there isn’t really a lot you can show in just a scant few minutes of on air time but I think we did ok and certainly got the Club a little ‘air time’, which is never a bad thing. Kind of goes hand in hand with the Club’s Mission statement and what we stand for.

Anyway.... that is the view from here and I wish you all Good Luck in your endeavors, no matter what they may be...! 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 “Joe Fortunato



Greetings, guys and gals, time for the September edition of the V.P. Corner. I never thought that we would get this far into the year, and still not be able to have an actual in person meeting. Yet here we are, and I wonder how much longer this will go on. I talked to Pres. Long a few weeks ago about the poll that he took concerning the “club picnic”. I was surprised to learn that I was the only member (more than thirty responses) that wanted to have the picnic!!! Bob and I cancelled the gold prospecting trip that I mentioned in last month’s article. Our thinking was that smoke from the Pine Gulch fire could have been a problem for us. Speaking of wild fires, Mary and I have a cabin in Red Feather Lakes. The Cameron Peak fire is burning 15 miles away from our cabin, and after two weeks is zero percent contained. Our cabin is about one mile outside the mandatory evacuation zone as of today (Aug. 28); we are hoping that things work out for everyone in the vicinity of the fire. I do have some good news to report. Thanks to a long-time friend and former metal detectorist, I have been granted access (metal detecting) to a large number of single family rentals and apartment complexes. It has been so hot recently, that I have not been able to get much detecting time on these properties. I did manage to get in about 1 1/2 hours of detecting at one of the apartment complexes before it got dark. The area that I detected was approximately half the size of our meeting room at the Clements Center. I managed to recover thirty-six coins, so I am thinking this could be "some kind of fun" on future outings, like maybe, tomorrow!!! I guess that is about all that I have for this month. I already have one topic for next month’s article that I am sure everyone will enjoy, so stay tuned!!! Until next time..... MAY ALL YOUR ADVENTURES BE GOLDEN!!!! Questions or comments Call or text me 303-263-7204 Joe Fortunato.

From the Treasurer/Secretary Ledger by Joe Kafka



The Coronavirus has disrupted everything so whenever we are able to reconvene, the next Meeting will feature a nine (9)-nugget giveaway that will include a 2.4-gram nugget. We should have a new “Special Nugget’ by then as well. Be sure and bring extra cash for the nugget giveaways The Club remains in the black and members may request to see the financial report at any time that I have at my desk in the back. Hope to see you all there at the next meeting.!!

Board Meeting Minutes From Aug2020

James Long	Joe Shubert	Joe Fortunato	John Johnson
Mike Stevens	Joe Johnston	Chris Kafka	Brandon Luchtenburg
Joe Kafka	Bobby Manning	Andy Doll	Gary Hawley



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THERE WAS NO BOARD MEETING FOR MAY DUE TO THE CORONAVIRUS PANDEMIC.
HOPE TO SEE YOU NEXT MONTH.

QUESTION OF THE MONTH FOR THE NEXT TIME WHENEVER WE MEET?

Subtract the # of electrons in an atom of gold from its atomic weight and that number is the answer to this month's question.

2020 GPR Board of Directors Members

President

James 'JJ' Long

Vice President

Joe Fortunato

Secretary/Treasurer

Joe Kafka

2 Year Board Members

Joe Johnston (2017)

Joe Shubert (2018)

1 Year Board Members

Andy Doll

Brandon Luchtenburg

John Johnson II

Bobby Manning

Chris Kafka

Mike Stevens

Past President

Gary Hawley

General Meeting Minutes From Aug 2020

DUE TO THE CORONAVIRUS PANDEMIC, THERE WAS NO AUGUST MEETING.

CLUB ELETIONS WILL BE COMING SOON AND THERE WILL BE SEVERAL OPENINGS ON THE BOARD. IF YOU ARE INTERESTED IN RUNNING FOR ONE OF THE OFFICES, PLEASE CONTACT PRESIDENT LONG AND LET HIM KNOW OF YOUR INTEREST. EACH POSITION IS EASILY TRAINABLE!!!

WE HOPE TO MEET AGAIN SOON???

A Miner's Laugh

Retired miners Russ and Sam, two old friends, would meet in the park every day to feed the pigeons, watch the squirrels and discuss world problems and gold prices.

One day Russ didn't show up. Sam didn't think much about it and figured maybe he had a cold or something. But after Russ hadn't shown up for a week or so, Sam really got worried. However, since the only time they ever got together was at the park, Sam didn't know where Russ lived, so he was unable to find out what had happened to him. A month had passed, and Sam figured he had seen the last of old Russ, but one day, Sam approached the park and-- lo and behold! -- there sat Russ! Sam was very excited and happy to see him and told him so. Then he said, 'For crying out loud Russ, what in the world happened to you?'

Russ replied, 'Well, I have been in jail.' 'Jail!' cried Sam. 'What in the world for?'

'Well,' Russ said, 'you know Sue, that cute little blonde waitress at the coffee shop where I sometimes go?'

'Yeah,' said Sam, 'I remember her. What about her?'

'Well, that little gold-digger figured I was rich and she filed rape charges against me; and, at 89 years old, I was so proud that when I got into court, I just plead 'guilty. 'The judge gave me 30 days for perjury....!!'

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





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The finds of the Month 2020:

Be sure to bring your finds of the month that you have collected since the **February meeting**. All those finds will be in competition when we can reconvene next, which may in fact, not be until May. The judging has started anew for the year 2020 and the November 2019 Finds are included in the 2020 contest.

Be sure to save all your winning items for the November 2020 judging.

Lucky family of treasure hunters dig up a fortune after finding two giant gold nuggets worth \$350,000

From .bbc.com/news/world-australia

A family of treasure hunters have dug up two giant gold nuggets worth a total \$350,000. Brother-in-laws Brent Shannon and Ethan West discovered the gold, weighing a combined 3.5kg, near Tarnagulla, west of Bendigo in Victoria, Australia. The pair, along with Ethan's father Paul, could even get up to 30 per cent more money if they sell the nuggets to a collector. Brother-in-laws Brent Shannon (centre) and Ethan West (right), along with Ethan's dad Paul (left) discovered the gold near Tarnagulla, west of Bendigo in Victoria



'I thought we were in for a chance. I was pretty excited to see the ground because it was virgin ground, which means it's untouched and hasn't been mined,' Brent told Sunrise on Thursday.

'We pull the material out and put it up on the surface - and then we push it out very thinly and we detect it that way. 'We can recover more gold that way, and it's a better way to do it and a safer way to mine.' Ethan said he has found 'thousands' of pieces of gold over the past four years he's been mining. 'These are definitely one of the most significant finds. To have two large chunks in one day is quite amazing,' he said. 'But for small pieces, I've picked up thousands. I'm very lucky like that.' Brent said it's an indescribable feeling to dig up such a large chunk of gold.



The family of treasure hunters have dug up two giant gold nuggets (pictured) worth a total \$350,000, weighing a combined 3.5kg. 'It's a sense of relief and achievement and accomplishment. It is a feeling like no other,' he said.

'Nobody has seen these pieces of gold for millions of years and we're the first people to lay eyes on them. It is something that we love doing.' The trio filmed their mining adventures as part of Seven's new series Gold Hunters, which airs on Thursday at 7.30pm.

A Beginners Guide to Prospecting Equipment

by Kevin Hoagland, Exec. Dir. of Dev., GPAA

Getting started in this prospecting thing can be a daunting task. From prospecting equipment to learning the lingo, there is a great deal of nuance involved.

Prospecting is no different, with a vast array of equipment options to choose from and some strong technical know-how needed to be successful. Here, we will look at the basic equipment every prospector should have with them as they head out to search for that gold.

Gold Pans: The most important and quintessential piece of equipment needed is, you guessed it, a gold pan. Pans come in all shapes, sizes and colors nowadays. Most new pans are made from plastic and the old metal pans from the gold rush days are more or less antiques.

Pans typically range in size from 11 inches to 16 inches. The larger the pan is, the more material you can process. However, larger pans can be more difficult to maneuver and can cause some sore mornings following long days of work. Prospecting pans have ridges on the sides called riffles and bottoms to help trap the heavier gold and separate it from the gravels being panned. Choosing the right pan for you is entirely up to your personal preferences. Color isn't too important as long as there is good contrast between the pan and the gold. Owning multiple pans will help you separate the materials as well as help you find your own preference for pan styles. *TIP – I always*





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recommend two good 14" pans to get started with. It must have at least three riffles to really get you to take the time needed to learn to pan properly. When you are learning to pan and forever from this point always pan into a safety pan.

Earth Movers: So you've got a gold pan, or three, and now you need some material to put in the pan. Finding the right shovel will be imperative to your success as a prospector. Much like gold pans, picking the right shovel is entirely up to you. A lot of prospectors use a square mouth, or #2, shovel due to its versatility and ability to move a lot of material per scoop. There are plenty of specialty shovels on the market as well for applications such as digging in water or for cutting through tree roots. Owing a smaller shovel or trowel can be helpful when digging in tight spots or crevices. Speaking of crevices, a number of specialty crevice tools are on the market, but a lot of prospectors use screwdrivers to work material loose in those tight spots. Rock picks may be one of the most common things people think of when they think about prospecting. Rock picks can be a great addition to our prospecting tools if you have a large number of crevices to work at your prospecting site and can make moving large rocks a lot easier than with just a shovel. Picks are also great for scraping and can be used in a number of applications that your shovel cannot. Deciding where to dig is often more important than the tools you are digging with, so use whatever is available to you to start with and consider upgrading when the need arises. *TIP – Too many new prospectors get hung up on not knowing the geology or understanding trends. Do not let this happen to you. Best place to find gold is where gold has been found before. Go there and look for the old workings. Take in everything you see and note the direction that they were working.*

Classifiers and Sluice Boxes: Classifiers are an excellent and necessary tool to help make your work more efficient. Classifiers contain a screen that removes material, such as large rocks and debris that don't contain any gold. Unless you live in an area that produces large nuggets, you can classify your gravels down and get on to the gold bearing material much sooner. Classifiers can save you a lot of work while you are out prospecting as well. If you are digging further up on banks, you can classify a bucket or two worth of material before heading down to the water to pan. The most commonly used sizes of classifiers are quarter inch and eighth inch, but you will probably hear prospectors refer to a 4 mesh or an 8 mesh. The numbers of mesh are not complicated and simply represent the number of times one square inch is divided. A quarter inch classifier, or a 4 mesh, means there are 4 squares to the square inch. A number 12 is often used as for finishing purposes. The higher the number, the more specialized its uses become. One of the most common reasons prospectors classify their material is to incorporate the use of a sluice box. While some newer models of sluice boxes claim you won't need to classify material before using them, it is never a bad idea to get in the habit of using a classifier. Sluice boxes are narrow, long boxes used to capture gold from high amounts of material. Set up in the water, you pour dirt in the top of the sluice and the water flow carries the material over a series of mats or carpets, often with riffles or without. The lighter material is carried through the sluice and back into the water source, leaving only the heavier material like black sand and gold behind in the mats. Most sluice boxes run around \$100, give or take, and a lot of the prospectors of old made their own. Some light panning may need to be done while cleaning up your sluice box, but it is an inexpensive way to massively increase your processing capabilities. Tools like blue bowls and miller tables can be used with material classified with at least 30 mesh and can help recover finer gold. *Tip – Use classifiers for every step of your prospecting. Get your material down to the largest piece of gold that will not go through your classifier and that is where you will begin processing. And remember, for the best recovery, always use the practice of wet on wet if you are panning or sluicing. Dry material into a sluice box is a sure way to lose gold off the other end.*

Clothing and Accessories: Being properly equipped is crucial to a successful prospecting trip. We have covered the standard tools necessary for prospecting but there are a lot of accessories that also need to make the journey with you. Finding gold in your pan is the thrill that every prospector lives for, but getting smaller flakes out of your pan can be a real pain unless you own a snuffer bottle, or three. A snuffer bottle is a plastic bottle that will suck up small pieces of gold from your pan, and at less than \$5, it is an invaluable tool for our prospecting kit. Tweezers are also helpful for picking larger pieces of gold out as you see them. Owing a couple of vials, plastic are better, for storing your found gold is also highly recommended. There are a vast amount of other useful accessories most prospectors should at least consider investing in. Most prospecting locations are located deep within the wilderness so a lot of experienced prospectors carry GPS units. GPS will obviously keep you from getting lost, but will also make sure you stay on the property you have access to. Having a basic first aid kit is highly recommended as well, as cuts and scrapes are common and come with the territory and medical care is generally nowhere near. Like most hobbies, prospecting tends to lead people into other similar activities. A lot of prospectors are also detectors. If you are able to invest in a metal detector, your odds of finding gold bearing locations will increase, as will your chances of finding other hidden objects such as coins, jewelry and other artifacts. Detectors are generally expensive and, like pans, come in all kinds, types and styles for a variety of uses. Choose wisely when buying. Owning a digital scale is also highly recommended. Weighing your findings can help



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quantify your efforts, allowing you to narrow your focus between particular areas on site and to project future outputs at a location. Clothing is also a very important factor to having an enjoyable day prospecting. Staying warm and dry in colder weather is as important as staying cool and dry in warmer weather. Dressing in layers is best to start with as you can always peel them off as it warms up from weather or exertion. Investing in a good pair of waders can open up a lot of areas at your prospecting site that you wouldn't be able to access without, especially wherever there is water. If you cannot get waders, a good pair of waterproof knee high boots will make maneuvering around the site easier. Waterproof gloves will also come in very handy. Durability and comfort are important to consider, especially when water temperatures are chilly. *TIP – Each type of prospecting has its own set of tools. Some are interchangeable, like your #2 shovel, and some are very personal, like your detecting gear. Your tools are an investment in yourself that will help you to succeed.*

This is merely scratching the surface of available tools and accessories here, but the ones listed above are some of the more essential items any beginning prospector should be equipped with. The best way to determine your preferences or pan style or shovel type is to get out in the field and experiment. Every prospector is different and finding your preferred tools could make all the difference between a potential big find and just another day digging in the dirt and playing in the water. You shouldn't have to break the bank for your first set up either. The essential items should run you less than \$100.00 if you look in the right places. Now that you have got your list of equipment figured out, its time to gear up and get out there!!

Social Distancing – The Prospectors Way by “Pioneer Pauly” Larouche

Hello everyone! I'd like to start by introducing myself to those who might not know me. My name is Paul Larouche, but I am better known on YouTube under the channel name “Pioneer Pauly”. While I am likely younger than many involved with this hobby, I hope that I have some knowledge that I can share with others gathered from my experiences, upbringing, and the mere nature of my work. It feels silly to say I make a living as a You Tuber. I never expected to quit



my secure day job, or to be creating videos and treasure hunting as a full-time job. I suppose that in the society that we live in today, the internet is boundless and anything is possible. When I think of the previous jobs I have held, I can now actually appreciate the ability to finish a shift and physically and mentally disconnect from it all when I come home. Now working for myself, in the creative and highly competitive arena that is content creating, I find myself unable to distance myself. My brain never shuts off, always contemplating the next video I should film or feeling immense guilt for being unable to respond to all of the prospecting community members reaching out to me through social media. Then there is the vitriol thrown by countless, faceless commenters who

feel the need to try to ruin someone's day and, I must imagine, make my level of insecurity match theirs. While difficult at times, I try to forgive each one, as I know that such unsolicited hate must come from a place of pain and insecurity. Nonetheless, I have learned that my response to the negative energy that is directed my way is what influences my actions and emotions. I am now trying to apply this understanding to navigating shifting global and societal conditions that are being propelled by the coronavirus pandemic.

With all this social distancing regarding this virus, it is easy to get caught up in either its hype or all of its negative energy from the media. Although there are many ways to catch said virus during this peak cold and flu season, there are even more ways to prevent it and actually enjoy this time of 'chaos'. Among some of the helpful prospecting tips I will include in this write-up, I will also provide some things you can apply during this pandemic that could make you a better prospector. But first and foremost, I want to make something clear. You are going to be OK. Humans are very strong despite what you may have been hearing on TV lately. In times like this where the world is at a standstill, there are many things you can do regarding prospecting or general treasure hunting that can get you ahead of the rest. For example, one thing I like to do during the winter season is look at the high water levels of a raging river to see where the waves are hitting and where there is the most turbulence. You'll learn more about that river and find out exactly where the river is reaching at its highest and possible locate new drop zones, hidden benches, and even sneaky tributaries you didn't know were there. One of my first really nice pieces of gold was found way up high after watching how high the river got one winter, and then digging in a particular spot once summer hit. This was about 30 feet higher than I would normally work. Of course, it is easier said than done to get outside in poor weather conditions when you are in the moos for a warm meal



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and your favorite show on the TV. But I promise you, it is worth the extra effort. It is human habit, and while most might follow what has been done and dug up, it is often the ones who do the unconventional things that get the gold. Who wouldn't want to find that crevice that has never been worked? Another thing you could do if you want to really get involved in this hobby is get in the water. Rent yourself a wetsuit and take a look at what you find in the moving river. If you are already saying no, then let me try to inspire you. The best gold is often way down where nobody wants to look, and when you are able to clean crevices and move a lot of material in a matter of seconds, you quickly learn where those best spots are. You become very familiar with how and where the gold will hide itself, and when you take that knowledge out of the water, you will have a clear advantage when looking for spots on (dry) land. Because of the number of hours I have worked underwater, I have a much better understanding of where gold will hide elsewhere. If getting wet isn't for you and you would rather stay comfortable, you could take pictures of a particular spot along the river as the months go by and see what changes in the landscape. Sometimes we don't realize how far big boulders will move during a flood or how much bedrock was under that gravel bench. These comparison photos and the information that they provide could be what separates you from that 30 gram slug of gold. I recommend getting photos as high up as you safely can. Drones work best when possible. Something a lot of people who live far from a stream do is to stock up on pay dirt. It doesn't take a lot of time to fill a few half buckets of dirt from your favorite creek and store it at home for the right day. If there is no creek nearby or you need to stay home like many of us during this time, then buy that pay dirt online. There are plenty of pay dirt suppliers around the world you could go to, but before you make your purchases, I recommend you watch some reviews on YouTube first and then spend your money wisely. Something else that can be a bit of fun is to try gold panning without a pan. What? Okay, so I have noticed in my short time of prospecting that the prospecting community has set this rule that one must have a gold pan to pan for gold, which makes it difficult for some to even start. I find a lot of people not getting started because they don't have a gold pan. Maybe it is a location thing or a financial thing, but it seems to stop some people from looking. Sure, a gold pan would make the process of separating material easier as that is what it is designed to do, but just because it is called a gold pan doesn't make gravity or physics behave any differently. To state the obvious, gold is metal and metals typically don't float so using stratification will work in any body of water. I have actually had success finding gold with only a spoon and a frying pan. For me, what started as a 'social getaway', in a similar situation ended up being something that took over my life for the better. That thing, to nobody's surprise, was gold prospecting. I believe something happens chemically and spiritually inside of us when we expose ourselves to nature's peace and quiet after being exposed to the societal construct most of society was born in. What makes prospecting exciting for me, other than the fact you could come home with some treasure, is that I learn something more about myself and the limitations that I previously (and subconsciously) set for myself. I, for instance, used to be afraid of water. But now, sneaking into the river to avoid a bear is a regular thing, not to mention scuba diving alone 25 mile from the nearest cell tower. At some point there was a moment of vulnerability where I had to make the decision, do I retreat to my comfort zone, or do I trust and continue? I think the same concept applies in these times of isolation. In this time of global craziness, you must trust and understand that you will survive and perhaps discover something even more special if you decide to take advantage of the time rather than retreat and ponder.

One thing I have learned through my darkest times was that life is not only unpredictable, but nothing is promised. What is promised, though, is that you will never get this time back, so, naturally enjoying each and every second we have on this planet is something we should be doing first, provided you are still listening to health professionals during this time, of course. I think life's simplest and most beautiful things are something we all take for granted. This is a rare moment in history where almost our entire globe is off committed duty, so my suggestion for you is to take advantage of the free time, get lost outdoors, and really explore yourself and what this peace has to offer. Who knows, maybe you will discover something new that changes your prospecting perspective while out there..! Without getting too carried away here, I leave you with this. Put all your worries aside regarding this outbreak and spend time with the people you care about while you can. It is not your job to worry so don't be afraid to get out there and away from things. Give yourself a chance to find that treasure physically, emotionally and spiritually. Get outside and do that thing you have been saving for a better day, try some of the things I have suggested, or maybe even something new, all while socially distancing, of course..!

Life is precious, so please, do take care of yourselves in every possible way and don't forget to enjoy the journey to those treasures you seek..!



\$771 Trillion Worth Of Gold Lies Hidden In The Ocean: Good Luck Getting It

By Trevor Nace



Ocean waters around the world contain about 20 million tons of gold in them. When I say “in” that is meant literally, there is gold in ocean water. Unfortunately, the concentration lies on the order of parts per trillion, making it extremely difficult to get.

Based on today’s spot price of gold at \$42.51 USD per gram, that amount of gold would be worth roughly \$771 trillion. Compare that with the United States gross domestic product (GDP) in 2016 of 18.57 trillion and its 41 times. Alternatively, you can compare it to the world domestic product of \$78.28 trillion in 2014, almost 10 times the entire world’s domestic product.

Needless to say, there’s a lot of money to be had just in gold within the world’s oceans. However, there’s the monumental task of removing the gold from vast amounts of seawater. Each liter of water would contain approximately 13 billionths of a gram of gold.

Currently, there’s no cost-effective method to remove the gold from seawater and be profitable. However, that didn’t stop many eager inventors and investors both legitimate and scammers. In the 1890s pastor Ford Jernegan came up with a plan for a “Gold Accumulator” in a fever dream. The plan was to extract gold from the Long Island Sound using a process involving mercury and electricity treatments.

Jernegan started the Electrolytic Marine Salts Company and convinced enough wealthy investors to raise \$1 million (about \$26 million in today’s dollars) in cash. The company was off and running, building a large gold-extraction operation in Lubec, Maine, far away from the watchful eyes of their investors. By 1898 investors began asking questions and wanting evidence the plant worked. Shortly thereafter Jernegan disappeared with cash in hand and leaving behind a useless contraption.

Since then a number of individuals and institutions around the world have attempted to separate gold from seawater. From post-WWI Germans attempting to refill their coffers to Dow Chemicals to Columbia professor Colin Fink.

CHICAGO DAILY TRIBUNE, SATURDAY, OCTOBER 4, 1936

<h3>INSULL BATTLES INTRODUCER OF STOCK RECORDS</h3> <p>25 Witnesses Identify Ledger Books.</p>	<h3>NOTES OF THE INSULL TRIAL</h3> <p>BY VIRGINIA GARDNER.</p>	<h3>GOLD AND SILVER EXTRACTED FROM ATLANTIC WATER</h3> <p>North Carolina Chemist Tells of Process.</p>	<h3>SCIENTIST GOES UP IN PLANE TO STUDY DISEASE GERMS SPREAD</h3> <p>Washington, Oct. 4.—(AP)—Charles W. Hensley went up 10,000 feet to a plane today to see what he could find out about the spread of disease germs from the west coast.</p>	<h3>DILLINGER "GANG GIRL" FREED IN SPEEDING CASE</h3> <p>St. Louis, Oct. 4.—(AP)—The "gang girl" of the Dillinger gang, Freda Goetz, was freed today in a speeding case.</p>	<h3>QUEBEC PROVINCE SETS A MINIMUM PAY FOR WOMEN</h3> <p>Quebec, Oct. 4.—(AP)—The Quebec province today set a minimum pay for women workers engaged in manufacturing, with minimums from 50 cents to \$1.50 a week.</p>
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Gold Prospectors of the Rockies Page 9

The list goes on and on, but they all have one thing in common: none were able to economically extract gold from seawater. However, we can be assured that inventors will continue to attempt to extract this massive amount of gold from the ocean. The prize is just too big not to have interest and perhaps one day one inventor or company will have the breakthrough necessary to make extraction profitable. Until that time, it's a pipe dream for the most creative wealth seeking inventor.



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Contact the GPR President
(Layout Design Subject To Additional Cost)



Coming Announcements and Special Events for Oct 2020

(WMMI - 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	8	9	10
11	12 Columbus Day	13 WMMI Lecture Series: Jack Anthony "Pioneers and Long-Ago Communities of USAFA" 7:00 PM 8:00 PM	14	15	16	17
18	19		21 GPR Club Meeting??	22	23	24
25	26	27	28	29	30	31 Halloween