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Nuggets of News and Knowledge

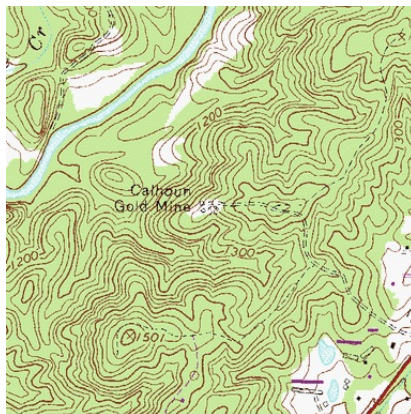
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Whether you are new to gold prospecting or an experienced old-timer, whether you have just started swinging a metal detector or have been digging targets for years, get the most out of treasure hunting with these nuggets of news and knowledge— tips, ideas, new products and more!



Prospecting While Sheltering in Place

Researching new areas in which to prospect for gold, gems, or whatever you are seeking can be a lot of work, but since we're now about six weeks into the Coronavirus quarantine, most of us have extra time that could be put to good use. Even though you may not be out in the field every day, you can still be prospecting! And even if you're not making plans for out-of-state road trips just yet, you can still dig down into the history of local areas for new ideas. In other words, use your downtime wisely, so you can hit the ground running with your gold pan, [highbanker](#), pick and [shovel](#), [metal detector](#), or other equipment as soon as shelter-in-place restrictions are lifted.



As you begin researching, don't rely on just one source of information. Confirm it through several sources. The best kind of research brings together different forms of info from a multitude of sources. It is the info gleaned from COMBINED sources that can help you to determine the best possible place to locate precious metal or gems. The more info you can lay your hands on, the better. Consider these resources:

Old mining district reports and mining history books. Most western states have some form of mining and geology agency, although they all have different names depending on the state. Find out what information is publicly available at the agencies located in the area you will want to prospect. Old history books can be more help than any state agency because they were written by folks with ties to the area they wrote about. That means they often include valuable information on old mining discoveries or operations that didn't make it into a government report.

LR2000. Utilize the Bureau of Land Management's Legacy Rehost System,

Nugget of Knowledge

Karat or Carat: What's the Difference?

The purity of gold is measured in 24ths called karats. 24K gold or 24-karat is 100% pure gold. 18K gold or 18-karat is 75% pure, and 14K or 14-karat is 58.3% pure. The value of gold can further be determined by its rarity of structure-- whether it is a nugget or wire gold or has specimen value.

Gemstones are weighed by the carat (notice the difference in spelling) -- which is 200 milligrams or one-fifth of a gram. There are 5 carats in a gram. In addition to weight, the value of gemstones is also set and judged on their color, clarity, and cut.

Vibrating Gold Classifier Ships FREE!

LR2000, for information on mineral development, mining claims, classifications, and more on federal lands. After all, you don't want to accidentally claim jump or waste time if an area is closed. [Article continued here...](#)

It's Metal Detecting Season!

What is the best metal detector? This is probably the #1 question that everyone asks. Unfortunately, there is no one single answer. Each metal detectorist has specific needs that cannot be met by one single detector. The easiest way to find



the "best" detector is to evaluate YOUR detecting style, your experience level, what items you hope to find, and the time that you will spend metal detecting. After taking all of these things into consideration, then you will be able to find a metal detector that fits your needs and your budget. Metal detecting is one of the easiest, most profitable, and fun ways to find gold and other metallic treasures such as coins, jewelry, and relics. It's so easy to have your metal detector ready to go in its carry bag with extra coils, a digger, scoop, headphones, and spare batteries. Just grab and go! [Browse metal detectors from Garrett, Teknetics and Fisher here.](#)

Alaskan Paydirt Direct to Your Door



For well over a century, prospectors and miners from all over the world have risked life, limb, and their personal fortunes to get their hands on paydirt found in The Last Frontier. If you'd like to get some of this [rich Alaskan paydirt](#) without traveling north, bags of Gold Rush Paydirt can be shipped to you direct from the source! No need to brave the cold and rugged terrain of the 49th state when you can make your dreams of hitting paydirt a reality from your own

home— starting with a delivery via US Mail! Every bag of pay dirt contains REAL GOLD from Alaska. These bags are ideal for practicing your panning skills at home, or to use with a new piece of equipment. Since you KNOW FOR SURE that good gold and/or gems are found in these bags, you'll be able to determine and improve your skill by panning the same bag over and over again. Same holds true for perfecting your gold recovery skills using your equipment. Pan over and over again for fun, or collect what you find and display in a vial. Ideal gift to give kids or anyone else a bit of GOLD FEVER!

Rock Crushers Help You Get the Gold



Save your poor tired back! No stooping, squatting, bending or bucket shaking required with the "Earthquake" vibrating bucket gold classifier! Built with a UV and water resistant coating, the sturdy Earthquake is extremely effective for screening both desert and river material, and has been tested using bucket style classifiers from 1/2 inch through 100 mesh screens. The Earthquake will classify a 5 gallon bucket of dry or wet material in 3 to 5 minutes— just add your own classifiers and a battery and you are ready to get the GOLD without a lot of muscle power! [FREE SHIPPING on Earthquake Vibrating Classifier!](#)

Be Safe During Snake Season!



Don't take a chance when in snake country— snake gaiters or boots offer protection and peace of mind. Protect yourself from snake bite, painful cacti needles, thorns, and other dangers while enjoying the great outdoors! [Find snake gaiters and boots here.](#)

Gold Vacuum Ships

Rocks are rocks unless they contain valuable minerals, metals, or elements. When a rock has values in it, it's then called ore. In order to liberate the minerals, it needs to be crushed down. Whether you need a manual rock crusher or a motorized version, a rock crusher can be an invaluable tool if it has been designed and built by miners for miners! Tough machines built well and rigorously tested in the field means less work for you.

[Browse rock crushers.](#)



History Nugget: Drilling and Blasting



Perhaps the most important improvement made to mining technology over the years has been to drilling and blasting. In the early days, black powder was the only blasting agent available. To use it, holes had to be pounded into rock by hand. Working in teams of two, one miner would hold a pointed steel chisel while the other hit it with a sledge hammer. Each hole had to be hand drilled to six or eight inches in depth. What slow, tedious, and tiring work!

Dynamite, an explosive five times more powerful than black powder, was invented in 1866 by Swedish chemist, Alfred Bernhard Nobel (the Nobel Prizes awarded today were named after him). By the mid 1870s, dynamite had largely replaced black powder in the mines.

Around the same time period, pneumatic machine drills were first developed. Compressed air to power the drills was piped underground from large steam-powered compressors located at the surface. Machine drills could accommodate five to six foot drill steels that were capable of drilling three to four foot holes into solid rock in a matter of minutes. This new technology, nicknamed "the widow maker" was not without hazards—namely the disease of silicosis.

Thousands of hard rock miners died before J. George Leyner of Denver, Colorado invented a better machine that all but eliminated deadly silicosis. The improved drill forced water into the drill hole and created a harmless mud out of

FREE!



Gold miners know that with every heavy rain, flood waters lift and suspend fine particles of gold. As the water slows, the fines are deposited in crevices and moss along a riverbank. If you don't yet have a way to recover those concentrates, but know a good spot or two where a vacuum device would really come in handy, then the VAC PAC gold collecting device is for you! Weighing less than 15 pounds, the [VAC PAC Gold Vacuum](#) is simple to operate and is the perfect tool if you want to collect material .5 inch or less that contains fine gold.

Considering a Big Purchase?



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the drill shavings. The mud acted as a very efficient wet grinding compound while also cooling the drill bit, and the flow of water flushed out the drill hole. This type of drill hasn't changed much over the years, and is still used in modern-day hard rock mines.



There has never been a better time to get involved in the Modern Day Gold Rush! Visit GoldRushTradingPost.com today to find great prices on equipment and supplies that make gold prospecting, metal detecting, and rock hounding easier, faster, and much more fun! **FREE SHIPPING in continental USA when you spend \$350!**

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