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Nuggets of News and Knowledge

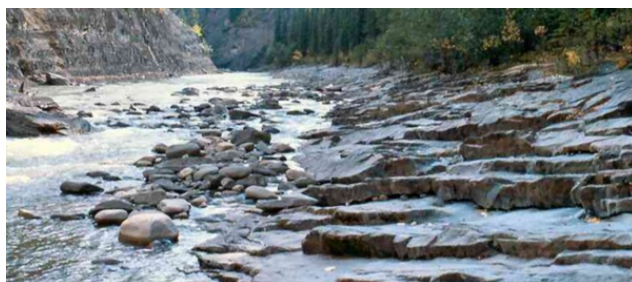
May 2018

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!



Finding Placer Gold ABOVE Bedrock

A good rule of thumb that most prospectors agree on is to look for placer gold on bedrock and within crevices in the bedrock. This simple principle



makes sense— placer gold is heavy and dense and therefore settles at the lowest point as it is pushed around by flowing water. However, gold isn't always going to make it all the way down to true solid bedrock at the bottom of all gravels. Instead, in certain conditions, it will be found ABOVE bedrock. When these conditions exist, gold will collect on "false bedrock." For example, a clay layer in streams can act like bedrock and yield more gold than the true bedrock below it.

Another situation where gold cannot make it to bedrock is where the streams and gullies have "caliche." Caliche is a form of cemented gravel often found in desert areas. The gravel is deposited by water flows, just as it would be in any other stream. The difference is that the water contains dissolved calcium salts, and as the water dries up in the streambed, the calcium salts turn into calcium carbonate or calcite. This material gets deposited on the gravel a little at a time and eventually the calcite glues it all together into a solid mass. The solid mass then acts like false bedrock and any new gold flowing across it is stopped in its downward movement by the caliche.

Residual placer gold is formed near the source of the gold and doesn't really have a chance to work its way downward. Hillside placers are residual placers that are sliding and making their way down the side of a hill into a stream drainage. [Article continued here...](#)

Nugget of Knowledge

Fun Facts About Gold

- Gold is so malleable that 1 oz. can be stretched over 50 miles! In fact, 24 karat gold can be shaped by hand but it is too soft to use for quality jewelry.
- Gold is edible, despite having no known nutritional value. There are approximately 13mg gold in a liter bottle of Goldschlager Cinnamon Schnapps!
- Olympic gold metals are 98.8% silver; they are made of 494 grams of silver and only 6 grams of gold.
- The earth's core contains enough gold to coat its entire surface 1.5 feet thick.
- Aurophobia is the fear of gold. Most of us can't relate to this malady, but we often suffer from GOLD FEVER!

It's Back! Desert Fox Automatic Spiral Panner

The Desert Fox is a compact, light-weight gold panning machine that weighs under 10 pounds even with a rugged folding stand. Operate it right out of the included Action Packer Tub, or remove it from the case and use it in a stream. The 12.5 inch diameter wheel has 7 separate spirals which pick up gold 7 times with each rotation of the wheel (105 times per minute). The Desert Fox's pitch adjustment and water spray system help you "tune out" the black sand. Available in two speeds -- constant (\$339) or variable (\$359 with **FREE SHIPPING!**). The Desert Fox Automatic Gold Panning Machine is designed to conserve water and will operate on just 3 gallons. It sets up quickly and easily and can run 70 pounds of concentrates in an hour-- it's both a separator and a concentrator in one self-contained panning machine. Recovers an amazing amount of flour gold (which all adds up!). Operates on any 12-volt automotive battery or even a 35 watt solar panel. [Desert Fox video, photos, field test reports and more details here.](#)



Move More Dirt with the CC690 Power Sluice

Move more dirt, get more gold! The CC690 is a water operated, centrifugal concentrator and is capable of processing large volumes of material without the need for pre-classification. It is portable and user friendly. You'll find 2 sizes of expanded metal riffles layered over heavy duty miner's moss and deep v-ribbed rubber matting in the lower trough. In the top is a Hungarian riffle assembly with aggressive angle riffles over heavy duty miner's moss and deep v-ribbed rubber matting. All materials used in the construction of the CC690 were chosen for their corrosion resistance, quality and durability. This makes for a piece of equipment that will stand up to abuse and still survive for season after season! Heavy duty, high capacity, weighs about 70 pounds but is easily transported. Learn more about the [CC 690 Power Sluice](#) for \$1,445 with **FREE SHIPPING**. [CC690 also sold as a package with pump and hoses](#) for \$1,950.



BE SAFE! Wear Snake Gaiters in Snake Country

Canvas Tool Bags Keep You Organized



Don't you hate when you can't find what you need quickly and easily? This 5 piece set of 20 oz. cotton canvas tool bags (\$23.95) keeps all your small prospecting items and tools organized out in the field or at home. With 5 colors you can designate each for a specific purpose so you don't lose those extra small parts! Also ideal for organizing your office and art supplies. Fill one with toiletries and cosmetics when you travel. Tidy up the glove box or console in your vehicle. The possibilities for use are endless for this [set of 5 canvas bags.](#)

Save Your Aching Back!



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

Thousands of people are bitten by venomous snakes in the USA each year. Don't take a chance! Protect yourself against snake bite, painful cacti needles, briars, thorns and more while in the desert or woods. Whether you're prospecting, detecting, hiking, hunting, or working in timber or brush, snake gaiters can offer peace of mind for less than \$60! Always wear over pants and with thick boots that fangs can't penetrate. Gaiters protect roughly from your ankle to your knee. Snake chaps for kids, too! [Snake gaiters here.](#)



History Nugget: Silver Valley, Idaho



"If it's not grown, it's got to be mined," Lenny the tour guide stated matter-of-factly as he led our hard hat-wearing group into the dim, damp underground Sierra Silver Mine outside of Wallace, Idaho. "If you really think about it, you'll realize how true that is," he continued proudly. "The manufacture of everyday products requires silver, gold, copper, lead, zinc and other minerals."

Over 120 years of mining in the small towns across Idaho's Silver Valley—Wallace, Kellogg, Murray, Cataldo—has created a unique and colorful

culture that's worth exploring. Whether it's underground hard rock mine tours, museums, historic missions, outdoor recreational opportunities, or just the scenery that piques your interest, it's fun to turn back the clock and learn about Idaho's early mining days. [Download the full .pdf article here on Idaho's Silver Valley.](#)



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

through 100 mesh screens. 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! [Earthquake Classifiers are available with or without wheel and water kits.](#)

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