



[Click to view this email in a browser](#)

## Nuggets of News and Knowledge

Nov / Dec 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!



### We are Grateful for Your Business!



At this time of year, our thoughts turn gratefully to those who have helped make our success possible since we opened our online store in 2005. As a small business, we appreciate YOU, our loyal customers. ***Thank you and Happy Thanksgiving!***

### Using a Highbanker to Recover Gold

A highbanker, sometimes called a power sluice, is a very flexible and efficient piece of equipment when you're gold mining in areas with a good amount of water. Their main use is to allow you to pump the water to the gravels rather than carrying heavy buckets of gravel to the water. The optimal place to use a high banker is a location along a river where there are lots of bench gravels that have been left high and dry by erosion. Just shovel material directly into a high banker and let the equipment do the rest of the work! As long as there is sufficient water close by so the hose can reach it, you'll be good to go.



High bankers are available in various sizes. The bigger the unit, the more gravel it will handle in a day. That also means it will likely be heavier and less portable. High bankers are fairly simple to set up and operate. They have three main components: a hopper feed box, and sluice box, and a pump.

- **Hopper:** The feed box contains a grizzly screen with a water spray bar. The water is normally sprayed from simple plastic pipes with a series of small holes

### Nugget of Knowledge

#### Problems With Over Crushing Ore

Did you know that over crushing rock can actually REDUCE your gold recovery? This is especially true when using gravity recovery systems like a table, Blue Bowl or spiral wheel. With this kind of equipment, the smaller the gold particles, the harder it is to recover. Why? Well, over crushing (200 or 300 mesh) might help gold to float, so there is a greater chance of losing it. Keep in mind that in days of yore, old stamp mills were generally milling about minus 20 or 30 mesh, a size proven to efficiently capture free gold in most ores—more like a fine sand than powder. The old timers got great free gold recovery (90-95%) by first screening to 12 to 30 mesh. The history lesson here is that contrary to what you

drilled into them. A water valve located ahead of the spray pipe controls the amount of water flow going into the feed box sprays. A series of rods are arranged to make a slat-type screen (called a grizzly) that allows water and smaller material to fall through and go down into the sluice box. The large rocks that are caught by the grizzly are washed with the spray and then rejected. The slats should be set on an angle so that most of the larger gravel will slide off the slats by the pull of gravity without you needing to push them off by hand. Some rocks may hang up, but for the most part, they will slide off on their own. The spray water comes out under a lot of pressure and washes any loose sand or clay into the sluice and also provides part of the water needed to move material through the sluicebox area. [Article continued here.](#)

## 2 SPECIAL DEALS from Garrett!



**Until December 30, 2018 ONLY!** Garrett's AT MAX metal detector ships with a FREE Pro-Pointer, Garrett MS-3 land-use wireless headphones, 8.5"x11" PROformance DD submersible searchcoil, coil cover, and hat. The AT MAX is a versatile and advanced all-terrain VLF metal detector. With increased detection depth, built-in Z-Lynk Wireless Technology (near-zero delay of 17-milliseconds from your detector to your headphones), 6 times faster than Bluetooth speed, and up to 4 times faster than other wireless headphones, AT MAX helps treasure hunters push their limits to the MAX! This metal detector's 13.6 kHz operating frequency provides excellent detection on a wide range of targets including silver coins, gold jewelry, and brass relics. It is highly recommended for Coin, Jewelry, Cache Hunting, Relic Hunting, Organized Hunts and Water Hunting. **FREE SHIPPING**, too! [Click here for AT MAX special package.](#)

**NEW!** Get wireless freedom with most any brand of metal detector... hear both your detector AND your pinpointer in your headphones with this NEW Z-Lynk Wireless Headphone Kit that comes with a Z-Lynk Pro-Pointer AT! MS-3 Z-Lynk Headphones and WT-1 Z-Lynk Transmitter are for land use. Pro-Pointer AT Z-Lynk can be used in water up to 20 feet. [Details found here.](#)

## NEW! 48" Highbanker + Hopper Dredge Box

might think, smaller is not always better when it comes to crushing rock and recovering the most gold. [Browse rock crushers here.](#)

## Gift Certificates



Need a gift for a gold prospector or metal detectorist but unsure what equipment they already have or want? Or perhaps you need to give a "hint" to someone for yourself? A Gift Certificate can be the perfect choice and are available in 6 denominations from \$60-\$500. [Buy Gift Certificates here.](#)

## Give the Gift of GOLD



For well over a century, fortune-seekers from all over the world have risked life and limb 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

This highbanker setup includes a sluice box with adjustable legs and a hopper box. Proudly Made in the USA out of strong yet lightweight .080 gauge 5052 aircraft aluminum. The unique elongated 45 degree z-riffles are great for trapping gold. Up front ribbed matting for fast gold ID and down below is expanded metal over ribbed miner's carpet. The expanded metal helps keeps the gold in the box and prevents the rocks from knocking it loose. Aluminum hopper box has a 2" dredge inlet, a spray bar with built-in adjustable water flow and pressure port controls. **Ships FREE!** [Details here.](#)



## Gold Smelting Kilns and Kits

Whether you are smelting natural gold you've recovered from prospecting, or the broken jewelry you no longer want, smelted gold is most easily sold or re-fashioned after first removing impurities, then pouring into molds to cast an ingot. Reminder to always use safety equipment! [Browse small and portable kilns & kits here.](#)



## History Nugget: Sumpter Valley Dredge



At the Sumpter Valley Dredge State Heritage Area in the tiny town of Sumpter, Oregon, visitors can step aboard a massive 1,240 ton YUBA style dredge. Built at a cost of \$350,000 in 1935, it produced \$4.5 million in gold until 1954 (gold was then \$35 an ounce), and was actually the third dredge to be used during that time period. It's hard to believe all that bulk actually floated on its own small pond, but that's exactly how the dredge moved from place to place—digging into the soil in a sideways pattern creating a constant pool of water that came from the Powder River.

reality from your own home — starting with a delivery from us via Priority Mail! [Browse paydirt here.](#) No time to pan or prospect for the shiny stuff? [Buy gold nuggets by the gram.](#)

## Gold Cubes SHIP FREE!



Looking for a gold recovery solution that can process tons of concentrates into mere ounces? The Gold Cube can do just that very QUICKLY! It can run a yard of material (classified down to 1/8 inch) in about 2 hours. You can also run half a ton of material through the Gold Cube before you have to stop for a clean up. Add a Trommel or Gold Banker classifier (shown in photo) to the top and make your efforts even more productive. [Videos and details here.](#)

## Considering a Big Purchase?



No Payments + No Interest if paid in full in 6 months on purchases \$99 or more when you check out with PayPal and choose PayPal Credit. [Details on PayPal Credit here.](#)

**Are You on**

Sticking out from the dredge's hull is a massive boom bearing 72 one-ton buckets. The buckets, moving like the chain of a chainsaw, would bore into the riverbank and carry the loose rock back into the dredge interior. Once inside, the rock would pass through a series of steel cylinders to separate the material by size, sending the smaller material deeper into the dredge. Using water and sluices, the gold would be separated from the sediment. The spoils from this process and larger rock passed through the back of the dredge and were deposited behind it via another boom. The dredge ran 24 hours a day/7 days a week in all weather, requiring three shifts of about 20 men each. The workmen had just two days off each year—Christmas and Independence Day—and earnings were only 90 cents an hour for oilers and \$1.10 per hour for winchmen. What a way to make a living! [More info on historic Sumpter, Oregon here.](#)



There has never been a better time to get involved in the Modern Day Gold Rush! Visit [GoldRushTradingPost.com](http://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!**

## Facebook?

[Like Us on Facebook](#)



where we post tips, photos, new products, industry news, special offers and MORE!

[Forward this message to a friend](#)

---

If you no longer wish to receive these emails, please reply to this message with "Unsubscribe" in the subject line or simply click on the following link: [Unsubscribe](#)

---

GoldRushTradingPost.com  
PO Box 751  
Dallas, OR 97338  
US