

Understanding the Multi Sluice



The Multi Sluice can be a little confusing due to the fact it has several modes and is very versatile. This information sheet should help.

**The KEY... #1 element of the Multi Sluice is REDUCTION...
Let me say that again... REDUCTION... is the key.**

Just about anything can catch gold and do so above 95%. Our goal with this product is NOT... 100% capture. (Although on many runs it may be close.) The Multi Sluice solves the age old problem of getting the gold out of the black sands in your concentrates, and doing so in such a manner that you are left with VERY few cons, almost pure gold.

A good example is the picture below. About 5 gallons of concentrates run in two steps, about 30 minutes total time. All we were left with was about 3 tablespoons of almost pure gold. NO PANNING to speak of.



The Now 4 Modes of Running...

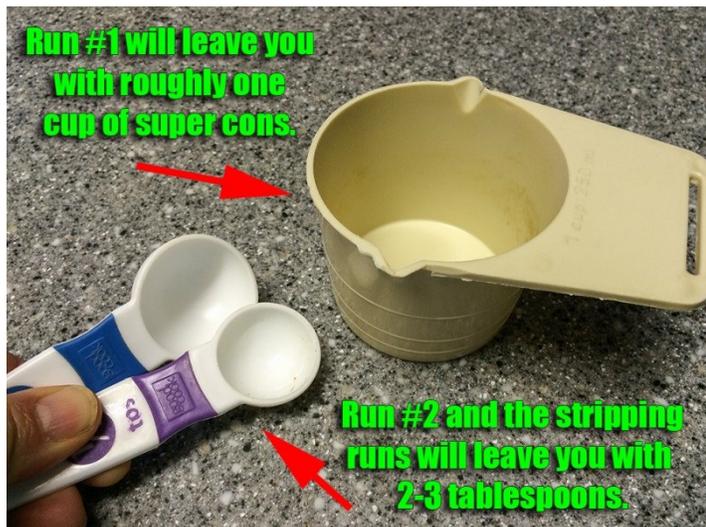
(Keep in mind you can choose between them.)

Since its launch last year we have added a 4th option for SUPER FINES and we'll cover that here as well. Most people just pick two steps.

Mode #1 – With this run we insert the aggressive mat and run with the full 1100 gph. The pitch is set about 11 degrees and you classify material to ¼". Classifying to ¼" saves you from having to search endlessly through screened rocks for nuggets and larger gold. During this step we feed the system fairly fast. We can run about a 5 gallon bucket in roughly 10 – 15 minutes.

When you shut down you'll be left with about 1 cup of super cons. Set those aside for now. By weight... most people will find that 95% of their gold is caught in this first run, but again reduction is our goal.

Mode #2 – Take all the tailings from this first run and classify them to 12 – 20 mesh. Insert the GPH restrictor, put in the Washer mat, and set your pitch to 13 degrees. Re-run the material. This will leave you with about 2-3 tablespoons of cons.



Run #1 will leave you with roughly one cup of super cons.

Run #2 and the stripping runs will leave you with 2-3 tablespoons.

Now... after these two runs you will have 99% of your gold sitting in 1 cup... from the first run, and 2-3 tablespoons from the second run. (Picture to the left)

You can see that we have GREATLY reduced the concentrates down to SUPER concentrates. After this step we often like to throw these in a pan and pick out nuggets, pickers, and big flakes.

Mode #3 - The stripping mode or what we like to call, the “panning sucks” mode.

Put the washer mat back in and set up the sluice just like mode #2. Now with a tablespoon, slowly feed your roughly one cup of SUPER CONS back through. Make sure you have a CLEAN catch tub at the end. This will only take you about 2-3 minutes. This is where you’ll see pure lines of gold near the top of your mat and you’ll end up with only 2 tablespoons to work. If you have a lot of gold, more than 5 ounces, you may want to repeat this step a few times.

So now you have taken a 5 gallon bucket of cons down to almost pure gold in about 30 minutes.

Mode #4 The SUPER FINE mode.

This mode is new and was invented by Doc a few weeks ago. We are now including the new restrictor plug. This is a good mode for the winter time when you have time to kill. It targets gold so fine; it’s almost invisible to the human eye.



We are now sending out this small plug with a 9/32nd hole drilled in it. Place it in the restrictor plug gently... insert the washer mat... and set your pitch to 10.5 degrees. Make sure... your water is running level. This is tricky due to the greatly reduced flow and depth of water.

WATCH THE VIDEO...

Classify material to 50 mesh and slowly feed it. When you’re done, you’ll end up with about 2 tablespoons and it will include gold in the 100 – 300 mesh range. In our testing we are capturing about 95% + on the first run, BUT... remember. REDUCTION... REDUCTION... REDUCTION... is our main goal. It’s a really cool mode.

NOTE: Once you grasp the concept of REDUCTION IS KING... you’ll LOVE your MULTI SLUICE.

Mode #5 – The field mode.

This mode is great when you want a run in the field as a primary processing unit. Kind of runs like a mini highbanker.



We use the aggressive mat, a long 10 – 12 foot hose, and a 2000 gph bilge pump. (They run about \$40) You’ll need to classify to roughly ¼ - ½ “ but you’ll be able run a 5 gallon bucket in about 10 minutes. Great for those areas where you want to be quiet and portable.

Also good for areas with little water or no water. Great little recirc machine.

For more details go to www.MultiSluice.com