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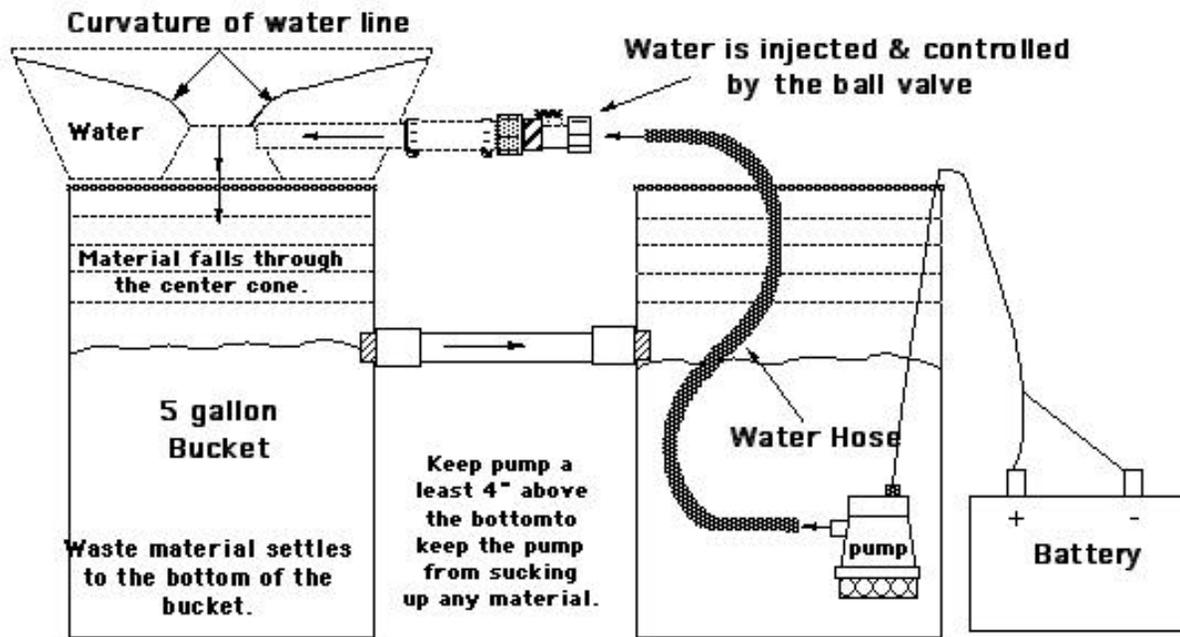
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Gold Concentrating Bowl Instructions

There are several different ways to set up the gold concentrating bowl. The single bucket system utilizes a garden hose with a constant pressure water supply (water pump, dredge pump, city water supply). The alternate system below re-circulates the water using two 5 gallon buckets with a 12 volt water pump.

1. Concentrates from dredge or sluice should be screened down to at least 20 mesh. The material should be screened down further for the best results.
2. Place the Bowl on top of a standard five gallon plastic bucket and level the bowl. Attach a garden hose to the hose fitting on the Bowl.
3. Once the Bowl is level, adjust water flow with the ball valve to approximately 2 gallons per minute. Adjust the water flow so that water is just slightly below the outer edge of the bowl, and almost over flowing. An even swirl pattern around center cone is desired. This may require additional leveling.
4. It is recommended to feed the Bowl with wetted concentrates using a tablespoon or small scoop slowly, and do not over load with material. Material should be fed slowly on the outer edge of the bowl. Over feeding will result in material building up at the base of the center cone. Practice makes perfect.
5. When using the re-circulating system (2 buckets and pump), a wetting agent, such as Gold Drop (GD1) is recommended. This will enhance fine gold recovery.
6. When cleaning out the Bowl it is recommended to shut the water flow off and suck the material out with some sort of suction device (GBS-1, Gold Bottle Snifters), rather than dumping the Bowl and having to re-level the unit.
7. The Bowl will not wash all the black sand out and consequently leaves some of the heaviest material behind with the gold.



Operating hints.

The bowl must be kept clean and free of any oily substances. Wash the interior surfaces with a mild detergent to remove any oils. This should be repeated periodically to ensure the bowl surfaces are clean and oil free.

Concentrates, especially finer mesh, should never be added dry! Pre wet the concentrates and add a few drops of a wetting agent to break up surface tension and prevent material from floating, causing a loss of micro fines.

For recovery of micro-fines use a 50 or 100 mesh sieve and start with a low water level. Increase water level slowly until waste discharges over the center cone. Adjust control valve to maintain a constant water level.

Bucket kits are not included but all parts should be easily located at your local hardware store. We recommend that you use 1.25" PVC tubing with a 1.5" a male threaded adapter. Then drill a 1.50" hole with a circle saw and hand thread a 1.50" male adapter into the side of the bucket.

RP12	12 VOLT WATER PUMP	\$29.95
GD1	GOLD DROP (Wetting agent)	\$3.50
CS100	CLASSIFIER SIEVE 100 MESH	\$16.95
CS12	CLASSIFIER SIEVE 12 MESH	\$16.95
CS2	CLASSIFIER SIEVE 2 MESH	\$16.95
CS20	CLASSIFIER SIEVE 20 MESH	\$16.95
CS30	CLASSIFIER SIEVE 30 MESH	\$16.95
CS4	CLASSIFIER SIEVE 4 MESH	\$16.95
CS50	CLASSIFIER SIEVE 50 MESH	\$16.95
CS8	CLASSIFIER SIEVE 8 MESH	\$16.95

