



The CPP Connection

August 2014 Newsletter

Gold Mining in the Yukon



A little change of application from our typical refinery work, Canada Pump and Power is working with Davies Contracting way up north mining gold!

Davies Contracting is taking material that was deposited in placer deposits near Keno City, Yukon, and utilizing a method of gold mining called sluicing. To get to the sluicing site, the equipment needed to be transported along the "road" in the bottom right photo! Sluicing is a process that uses a sluice box to separate the gold from the placer deposit. Before the material is put into the sluice box, it is screened through trommels to remove the large boulders and gravel. The materials is then put in to a sluice box. A sluice box is essentially a manmade channel with riffles set in the bottom. The riffles are designed to create dead zones in the current to allow gold to drop out of suspension. The material is carried by the current through the volt where gold and other dense material settles out behind the riffles. Less dense material flows out of the box as tailings. This process, as you can imagine, requires a fairly large volume of water to make the material flow through the sluice box. Davies uses a Mighty pump to provide that water.

If we can assist you with your Dive, Pump, Barge, or Dredge needs, email us any time at sales@canadapumpandpower.com or call us at [1-877-898-3494](tel:1-877-898-3494). You can check out our line of pumps and other industrial marine equipment at www.mightypumps.com.



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Industrial Strength

MIGHTY PUMPS

DIVE • PUMP • BARGE • DREDGE

CANADA PUMP & POWER



Equipment Type	Quantity Available	Description
Trash Pumps (Diesel, Hydraulic, Electric)		
Dewatering Trash (DT)	71 Available	<ul style="list-style-type: none"> • 18" DT18, up to 17,300 gpm or up to 240' of head • 12" DT12, up to 6,100 gpm or up to 200' of head • 8" DT8, up to 4,500 gpm or up to 230' of head • 6" DT6, up to 2,800 gpm or up to 150' of head • 4" DT4, up to 1,450 gpm or up to 150' of head
High Head Trash (HT)	39 Available	<ul style="list-style-type: none"> • 14" HT14, up to 10,500 gpm or up to 360' of head • 12" HT12, up to 5,100 gpm or up to 360' of head • 10" HT10, up to 4,500 gpm or up to 350' of head • 8" HT8, up to 3,130 gpm or up to 300' of head • 6" HT6, up to 1,540 gpm or up to 390' of head
High Head Water (HW)	7 Available	<ul style="list-style-type: none"> • 8" HW8, up to 3,970 gpm or up to 660' of head • 6" HW6, up to 1,660 gpm or up to 670' of head • 4" HW4, up to 770 gpm or up to 710' of head
Hydraulic (HY)	31 Available	<ul style="list-style-type: none"> • 8" HY8, up to 4,500 gpm or up to 230' of head • 6" HY6, up to 2,800 gpm or up to 150' of head • 4" HY4, up to 1,450 gpm or up to 150' of head
Submersible Electric	109 Available	<ul style="list-style-type: none"> • 1 HP to 150 HP, High-Chrome, Stainless Steel: <ul style="list-style-type: none"> ○ Trash Pumps ○ Slurry Pumps ○ Chopper Pumps
Generators/Light Towers	29 Available	<ul style="list-style-type: none"> • 20KW Light Towers • 25KW, 50 KW, 70KW, & 125KW Generators
Barges	31 Available	<ul style="list-style-type: none"> • Modular Barge Units • Floating Intake Barge
Dredges	8 Available	<ul style="list-style-type: none"> • LWT Pit Hog Remote and Swing Ladder Dredges • Hydraulic Tiller Dredges
Diving Systems	1 Available	<ul style="list-style-type: none"> • Fresh Water, Potable Water and Contaminated Water Entry Systems
Heavy Equipment	20 Available	<ul style="list-style-type: none"> • Skyline Excavator, Draglines, Loaders, Dozers, Backhoes, and Vacuum Loaders
Trucks	49 Available	<ul style="list-style-type: none"> • Tandem & Tridem Gravel Trucks, Wet Material Handling Trucks, Haul Trucks and Service Trucks, Mechanic Trucks
Support Equipment	In Stock	<ul style="list-style-type: none"> • Pipe, Hose, Fittings, Light Plants, Fluid Road Crossings, Fusion Machines, and Dive Equipment