

# **QUANTITIES OF FRESH WATER OBTAINED Eureka 2014**

## **Fresh Water: Fresh Water Lagoon**

2 pump capacities: Tsurmi Pumps Model LB2-400 with a 30' head at  
~ 19 gal/min:

Pumping began on June 24<sup>th</sup> and ended July 18<sup>th</sup>  
=Estimate 656,640 gal

Pumping resumed August 5<sup>th</sup> and ended August 8<sup>th</sup>  
=Estimate 82,080 gal

Total water pumped = ~738,720 gallons or ~2,796 m<sup>3</sup>

Water consumed from January to December 2014 is estimated using the  
pumping periods and pumps capacity.

Intake hose screen has ¼" diameter holes.

1<sup>st</sup> Pumping took place after initial rush of stream had taken place and the  
amount of silt/mud had diminished.

2<sup>nd</sup> pumping took place once second melt runoff occurred, in order to top  
up the lagoon before winter freeze up.