

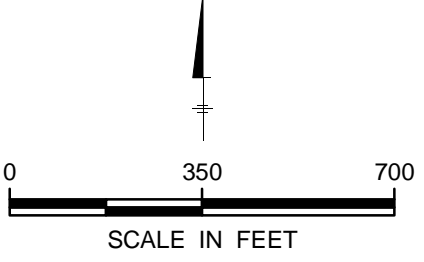
Notes:
 < = Not detected; Detection limit is listed
 J = Estimated concentration detected below the laboratory limit of quantitation (LOQ); flag applied by laboratory.
 J* = Estimated concentration due to quality control failures, flag applied by Shannon & Wilson, Inc
 JL* = Result is considered estimated, biased low, flag applied by Shannon & Wilson, Inc
 JH* = Result is considered estimated, biased high, flag applied by Shannon & Wilson, Inc
 R* = Result rejected due to quality control failures, flag applied by Shannon & Wilson, Inc
 ND = Not Detected
 µg/L = micrograms per liter
 -Contours are generally based on third quarter 2016 results and include some historical data where a third quarter sample was not collected
 -Only monitoring wells scheduled for sampling per Table 3-4 of the Long Term Monitoring Plan - 2015 Update are shown on the figure.
 -Image provided courtesy of Pictometry International 2012

Legend

- Monitoring Well
- Observation Well
- Recovery Well
- ▣ Vertical Profile Transect Well
- Approximate Sulfolane Isoleth in µg/L at Water Table
- ▭ FHR Property Boundary

Sulfolane Results

- Not Detected
- 3.14 - 100 µg/L
- 100 - 1,000 µg/L
- >1,000 µg/L
- Well Dry/Frozen



FLINT HILLS RESOURCES ALASKA, LLC
 NORTH POLE TERMINAL, NORTH POLE, ALASKA
SECOND SEMIANNUAL 2016 ONSITE GROUNDWATER MONITORING REPORT
THIRD QUARTER 2016 ONSITE SULFOLANE GROUNDWATER ANALYTICAL RESULTS - WATER TABLE

