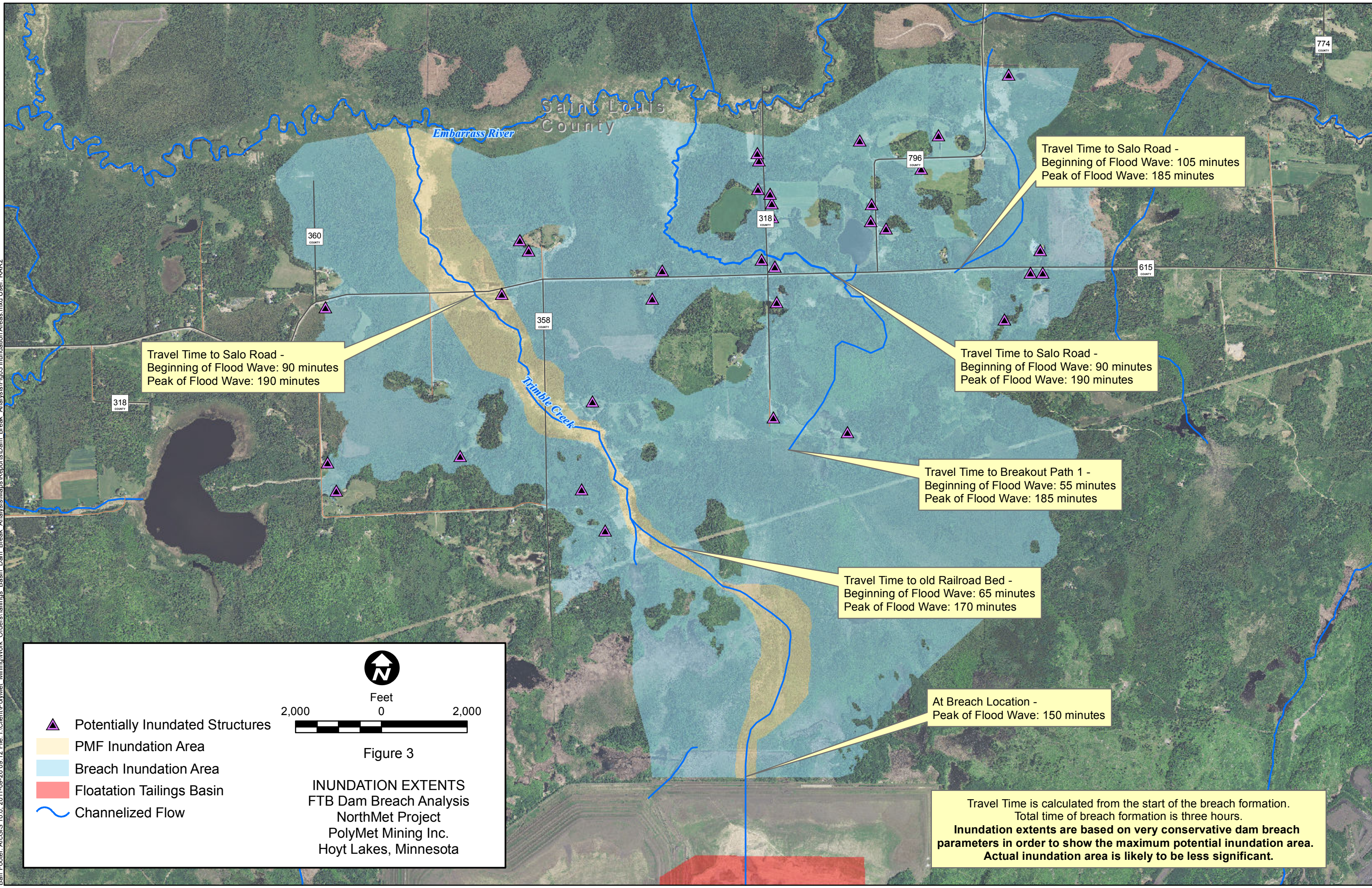


Barr Footer: ArcGIS 10.0_2011-09-26 09:12 File: I:\Client\PolyMet_Mining\Work_Orders\Tailings_Basin_Dam_Break_Analysis\Maps\Reports\Dam_Break_Analysis\Fig03 Inundation Areas.mxd User: RAR2



Travel Time to Salo Road -
Beginning of Flood Wave: 90 minutes
Peak of Flood Wave: 190 minutes

Travel Time to Salo Road -
Beginning of Flood Wave: 105 minutes
Peak of Flood Wave: 185 minutes

Travel Time to Salo Road -
Beginning of Flood Wave: 90 minutes
Peak of Flood Wave: 190 minutes

Travel Time to Breakout Path 1 -
Beginning of Flood Wave: 55 minutes
Peak of Flood Wave: 185 minutes

Travel Time to old Railroad Bed -
Beginning of Flood Wave: 65 minutes
Peak of Flood Wave: 170 minutes

At Breach Location -
Peak of Flood Wave: 150 minutes

Travel Time is calculated from the start of the breach formation.
Total time of breach formation is three hours.
Inundation extents are based on very conservative dam breach parameters in order to show the maximum potential inundation area. Actual inundation area is likely to be less significant.

- Potentially Inundated Structures
- PMF Inundation Area
- Breach Inundation Area
- Floatation Tailings Basin
- Channelized Flow

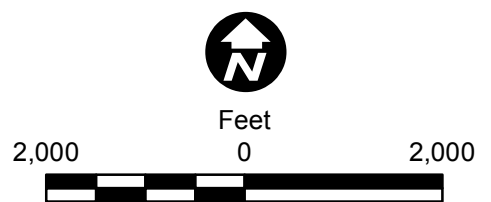


Figure 3
 INUNDATION EXTENTS
 FTB Dam Breach Analysis
 NorthMet Project
 PolyMet Mining Inc.
 Hoyt Lakes, Minnesota