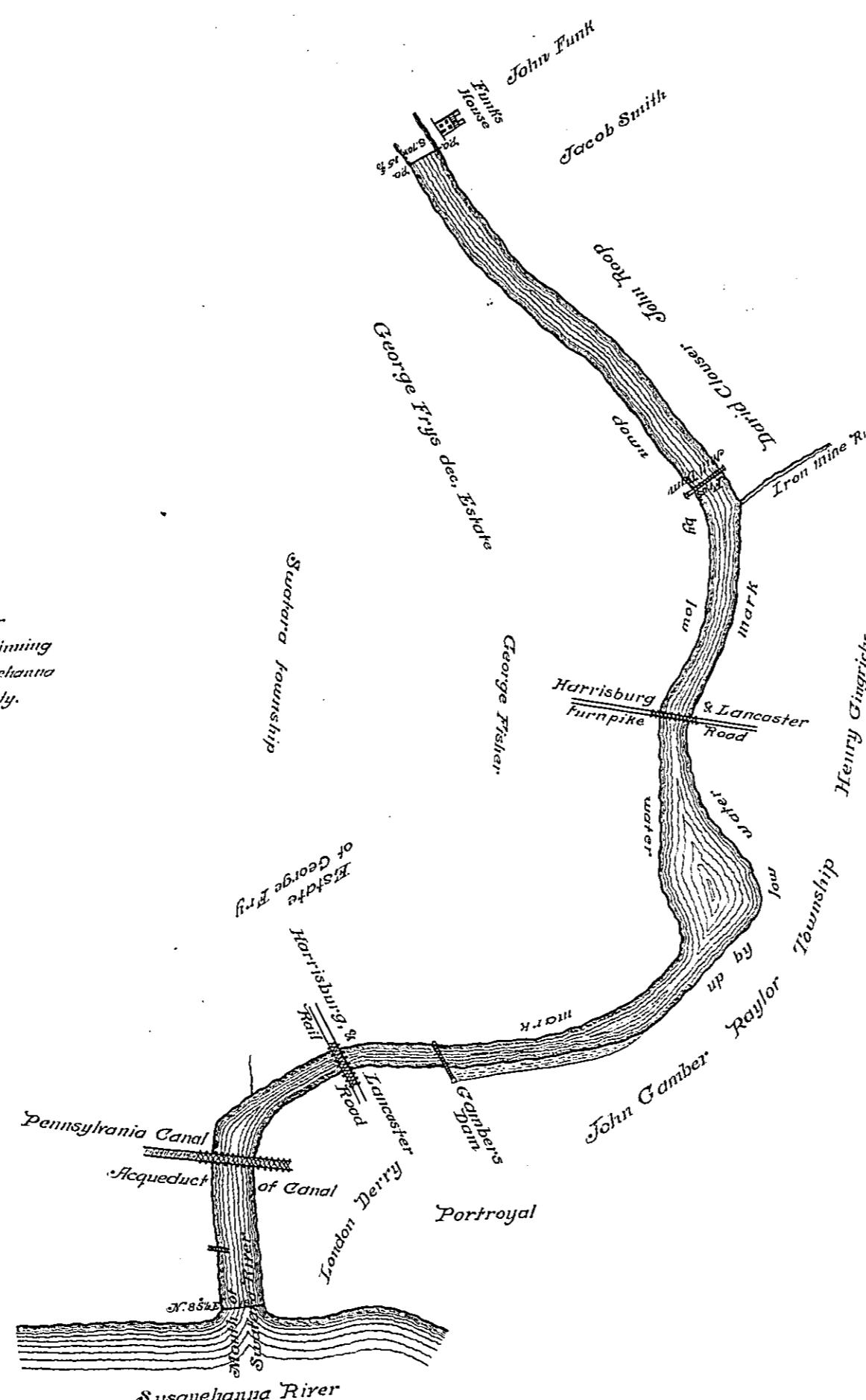


Courses & Distances up Swatara River  
 from its mouth by low water mark Beginning  
 at a post near its Junction with the Susquehanna  
 in London Derry township, Dauphin County.

N<sup>E</sup> 5° E 60.  
 N<sup>E</sup> 8° E 36.  
 N<sup>E</sup> 32½° E 16.  
 N<sup>E</sup> 69° E 31.  
 N<sup>E</sup> 72½° E 32.  
 S 78½° E 34.  
 S 82½° E 92.  
 N<sup>E</sup> 80½° E 20.  
 N<sup>E</sup> 64° E 28.  
 N<sup>E</sup> 52½° E 52.  
 N<sup>E</sup> 55° E 24.  
 N<sup>E</sup> 18° E 13.  
 N<sup>E</sup> 16° W 15.  
 N<sup>E</sup> 32½° W 17.  
 N<sup>E</sup> 27° W 16.  
 N<sup>E</sup> 21° W 15.  
 N<sup>E</sup> 16° W 15.  
 North 16.  
 N<sup>E</sup> 18½° E 16.  
 N<sup>E</sup> 28° E 12.  
 N<sup>E</sup> 38½° E 34.  
 N<sup>E</sup> 37° E 20.  
 N<sup>E</sup> 19½° E 24.  
 N<sup>E</sup> 10½° E 22.  
 N<sup>E</sup> 14½° E 17.  
 N<sup>E</sup> 14½° W 24.  
 N<sup>E</sup> 30° W 42.  
 N<sup>E</sup> 25° W 37.  
 N<sup>E</sup> 34½° W 30.  
 N<sup>E</sup> 39½° W 40.  
 N<sup>E</sup> 42° W 20.  
 N<sup>E</sup> 31° W 33.  
 N<sup>E</sup> 19° W 35. to a post opposite John Funk's house  
 thence across the River Swatara 6.70' or 15½ perches.



Courses & distances down the Swatara  
 River on the west side by low water  
 mark.

S 16° E 26.  
 S 24° E 34.  
 S 38° E 22.  
 S 37° E 24.  
 S 44° E 36.  
 S 34½° E 24.  
 S 28½° E 24.  
 S 22½° E 16.  
 S 25° E 39.  
 S 10½° E 26.  
 S 13½° W 38.  
 S 29° W 22.  
 S 33½° W 32.  
 S 33½° W 21. to abutment of Bridge  
 S 11½° W 18.  
 S 13½° W 80.  
 S 20° E 22.  
 South 12.  
 S 22° W 7.  
 S 50½° W 42.  
 S 54½° W 32.  
 S 70½° W 20.  
 S 60½° W 22.  
 N 36½° W 52.  
 N 85° W 60.  
 S 70° W 22.  
 S 66½° W 20.  
 S 64½° W 23.  
 S 24° W 20.  
 S 7° W 54.  
 S 3° W 36. to a post near the mouth of Swatara  
 thence across its mouth, at the Junction of  
 the Susquehanna.  
 N. 85½° E. 18 to Beginning.

Surreyed September 4<sup>th</sup> 1848 for Henry Gingrich in pursuance of a Warrant dated the 7<sup>th</sup> day of June 1848 the above described part of the bed of the  
 Swatara River containing ninety nine acres and one hundred and ten perches situate in Swatara & London Derry townships, Dauphin County

To John Laporte Esq<sup>r</sup>  
 Surveyor General

Joseph Gray D.S.

In Testimony, That the above is a copy of the original remaining on file in the Department of Internal Affairs of Pennsylvania, made conformably to an Act of Assembly,  
 approved the 16<sup>th</sup> day of February 1833. I have hereunto set my Hand and caused the Seal of the said Department to be affixed at Harrisburg the first day  
 of August 1910.

Henry Houch  
 Secretary of Internal Affairs