



Upper Reservoir

A wide-angle landscape photograph showing a vast, hilly area covered in dense forest. The terrain is relatively flat in the foreground and middle ground, with rolling hills in the distance under a clear sky. Two white arrows point outwards from the text 'Upper Reservoir' to indicate the extent of the area.

PROPOSED PUMP STORAGE HYDROPOWER PROJECT

FERC P-14889-000

Penstock Tunnels at Big Run Bog National Monument



Lower Reservoir

A wide-angle landscape photograph showing a valley with rolling hills and a mix of green and brown vegetation. The terrain is more varied than the upper reservoir area. A white arrow points to the right from the text 'Lower Reservoir', which also has a small upward-pointing arrow above it.

January 7, 2019

FINDING OF FACT AND DETERMINATION

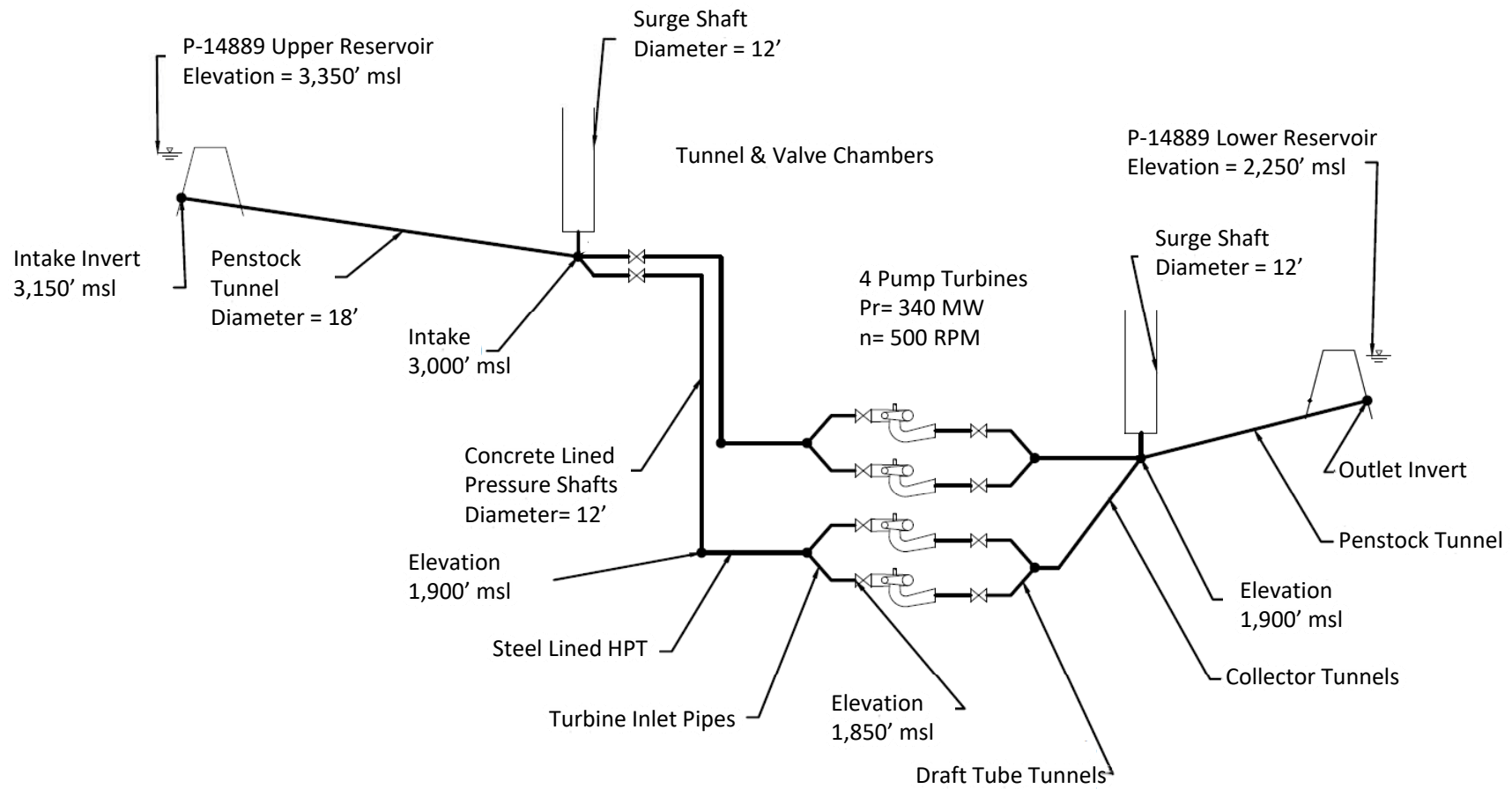
Issue:

- Comments received during FERC open-period expressed concerns regarding potential P-14889-000 PSH project impacts to Big Run Bog National Monument.
- In response, FreedomWorks, LLC conducted a study of different project schematics and equipment placements, overlaid on a cross-section of the existing terrain.
- The proposed equipment placement studies are intended to help illuminate potential impacts to Big Run Bog National Monument.
- The new equipment placement studies include an updated P-14889-000 project schematic, and a cross-section along the pathway of proposed penstock tunnels.

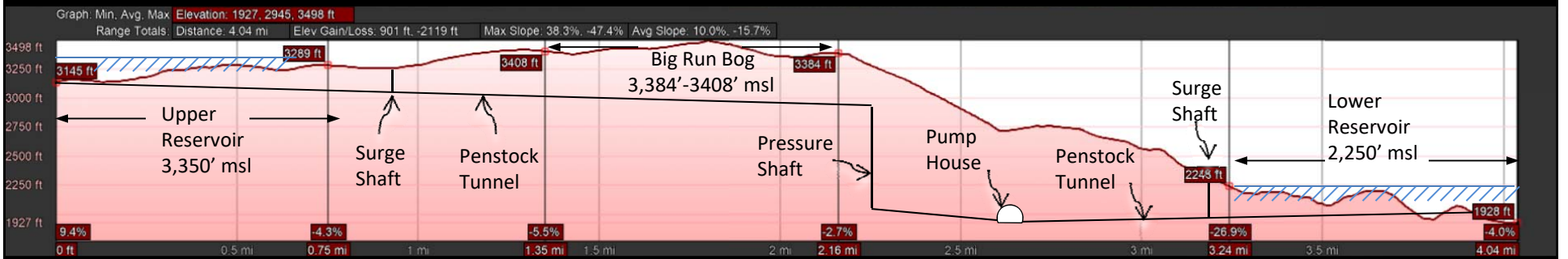
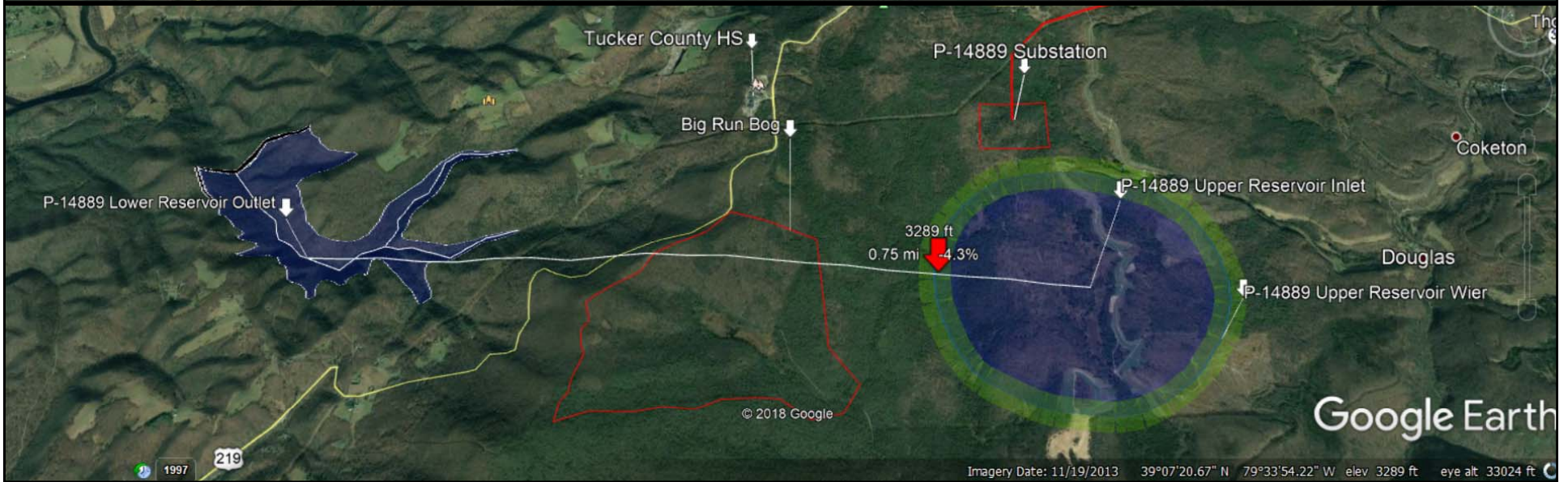
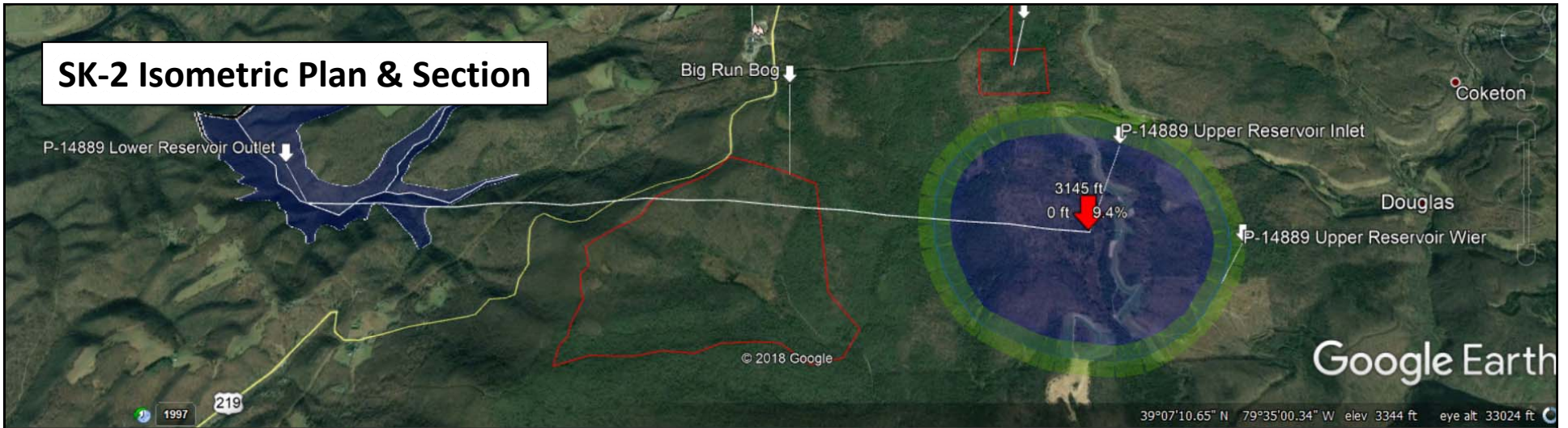
Preliminary Conclusion:

- Big Run Bog is located between 3,384' and 3,408' msl, and approximately 34' above the proposed high water mark at proposed P-14889-000 Upper Reservoir
- The high water mark at P-14889-000 is planned at maximum 3,350' msl.
- Preliminary studies conclude P-14889-000 underground penstocks will be located a minimum of 400' distance below the Big Run Bog National Monument.
- As a result, our study finding of fact and determination conclude there are **no extraordinary circumstances** associated with the FERC P-14889-000 preliminary permit application request. Indications are, the proposed P-14889-000 PSH project will have no impact to the Big Run Bog National Monument.

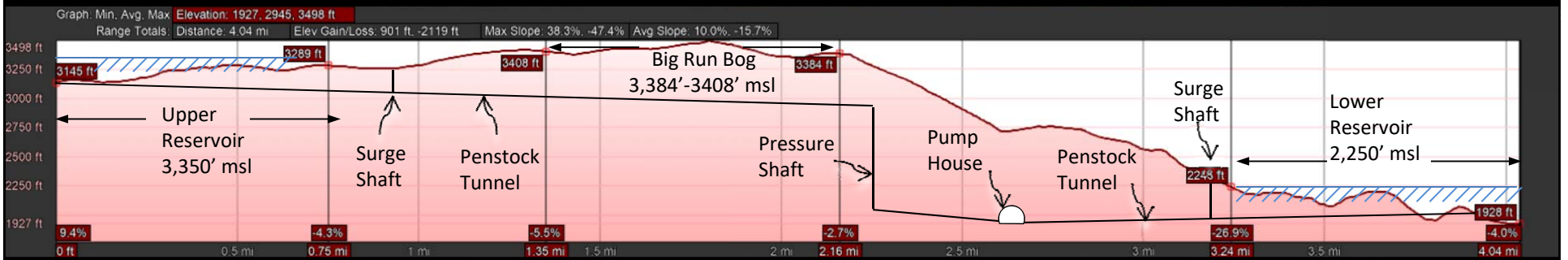
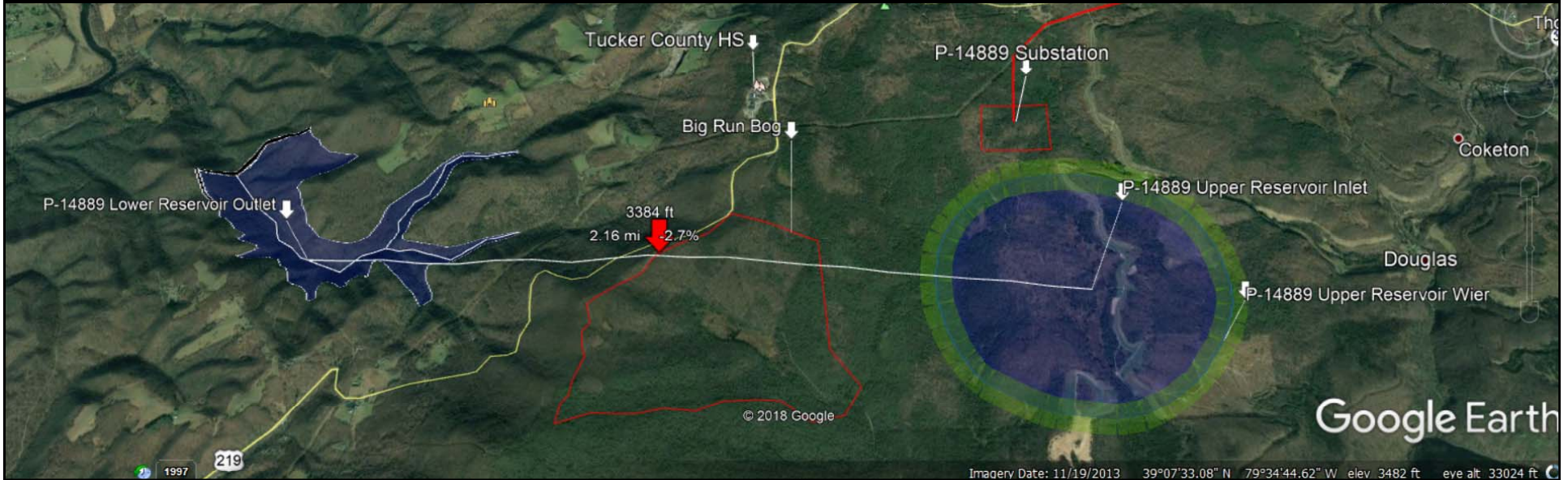
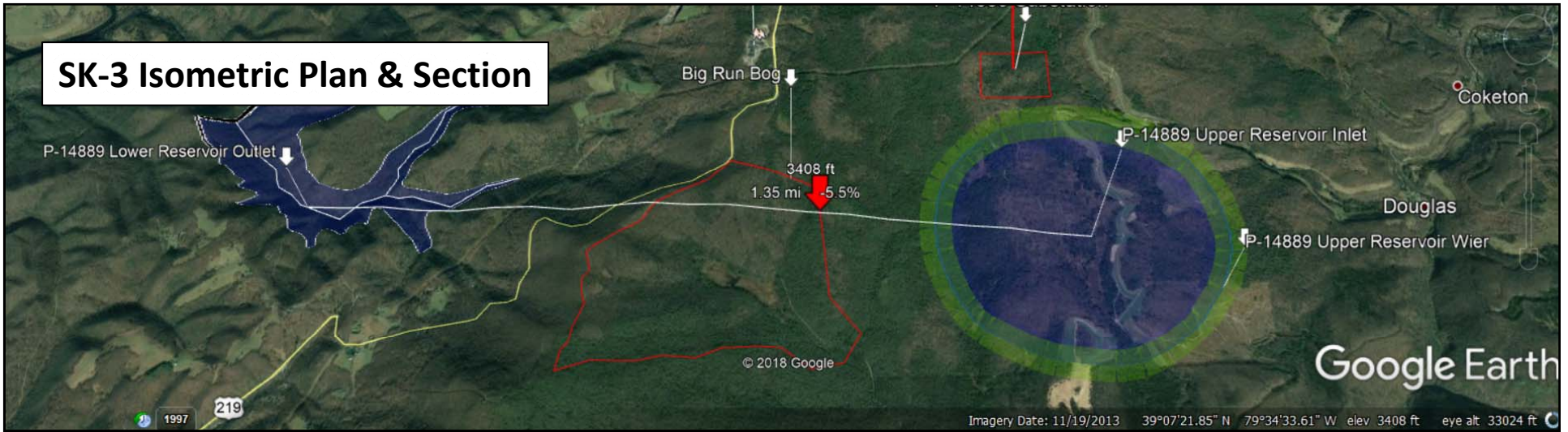
SK-1 Project Schematic



SK-2 Isometric Plan & Section



SK-3 Isometric Plan & Section



SK-4 Isometric Plan & Section

