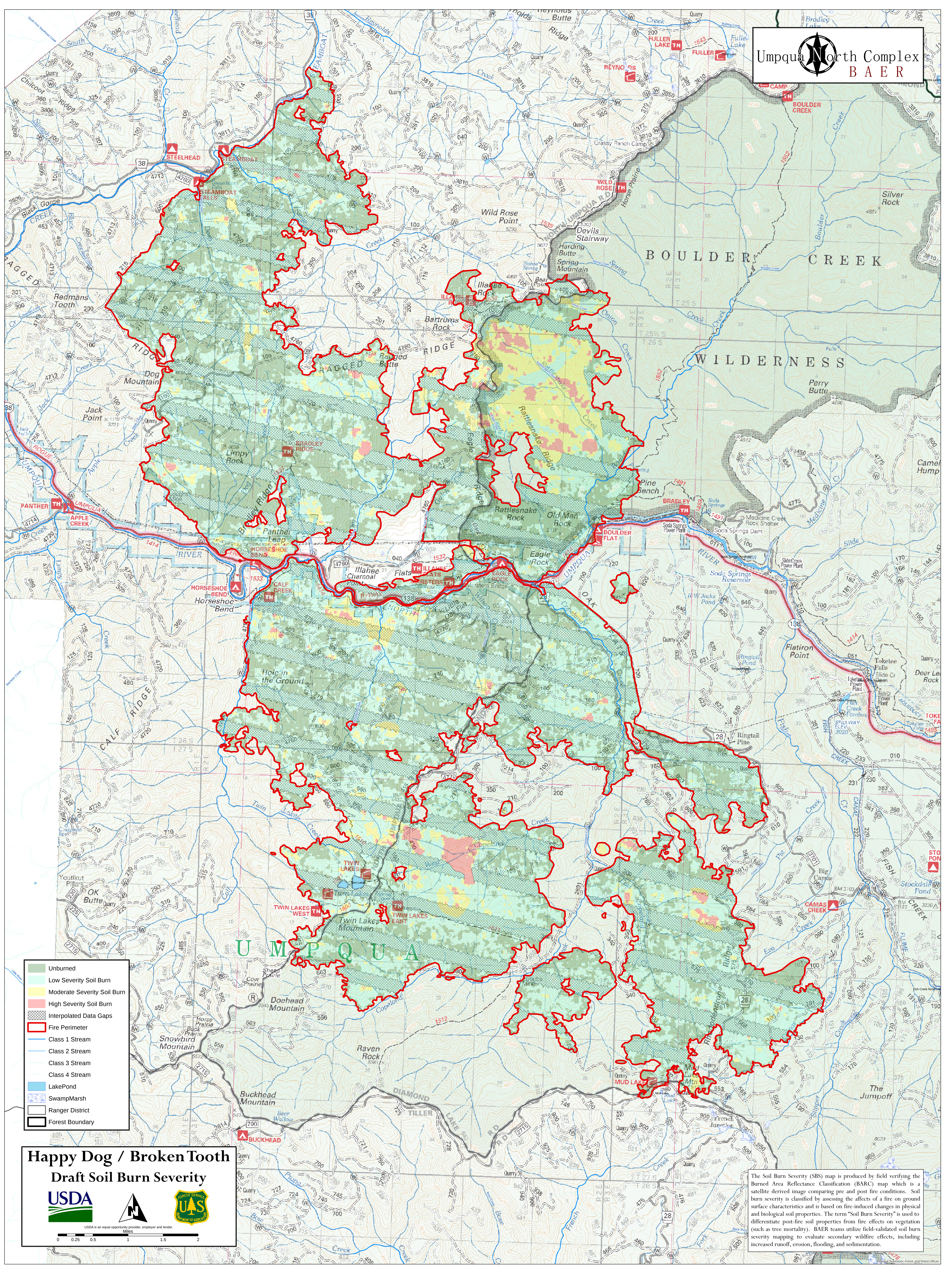
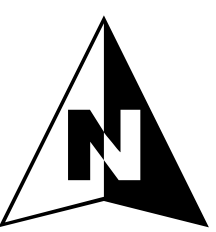




Unburned
Low Severity Soil Burn
Moderate Severity Soil Burn
High Severity Soil Burn
Interpolated Data Gaps
Fire Perimeter
Class 1 Stream
Class 2 Stream
Class 3 Stream
Class 4 Stream
Lake/Pond
Swamp/Marsh
Ranger District
Forest Boundary

Happy Dog / Broken Tooth
Draft Soil Burn Severity



0 0.25 0.5 1 1.5 2
Miles

The Soil Burn Severity (SBS) map is produced by field verifying the Burned Area Reflectance Classification (BARC) map which is a satellite derived image comparing pre and post fire conditions. Soil burn severity is classified by assessing the effects of a fire on ground surface characteristics and is based on fire-induced changes in physical and biological soil properties. The term "Soil Burn Severity" is used to differentiate post-fire soil properties from fire effects on vegetation (such as tree mortality). BAER teams utilize field-validated soil burn severity mapping to evaluate secondary wildfire effects, including increased runoff, erosion, flooding, and sedimentation.