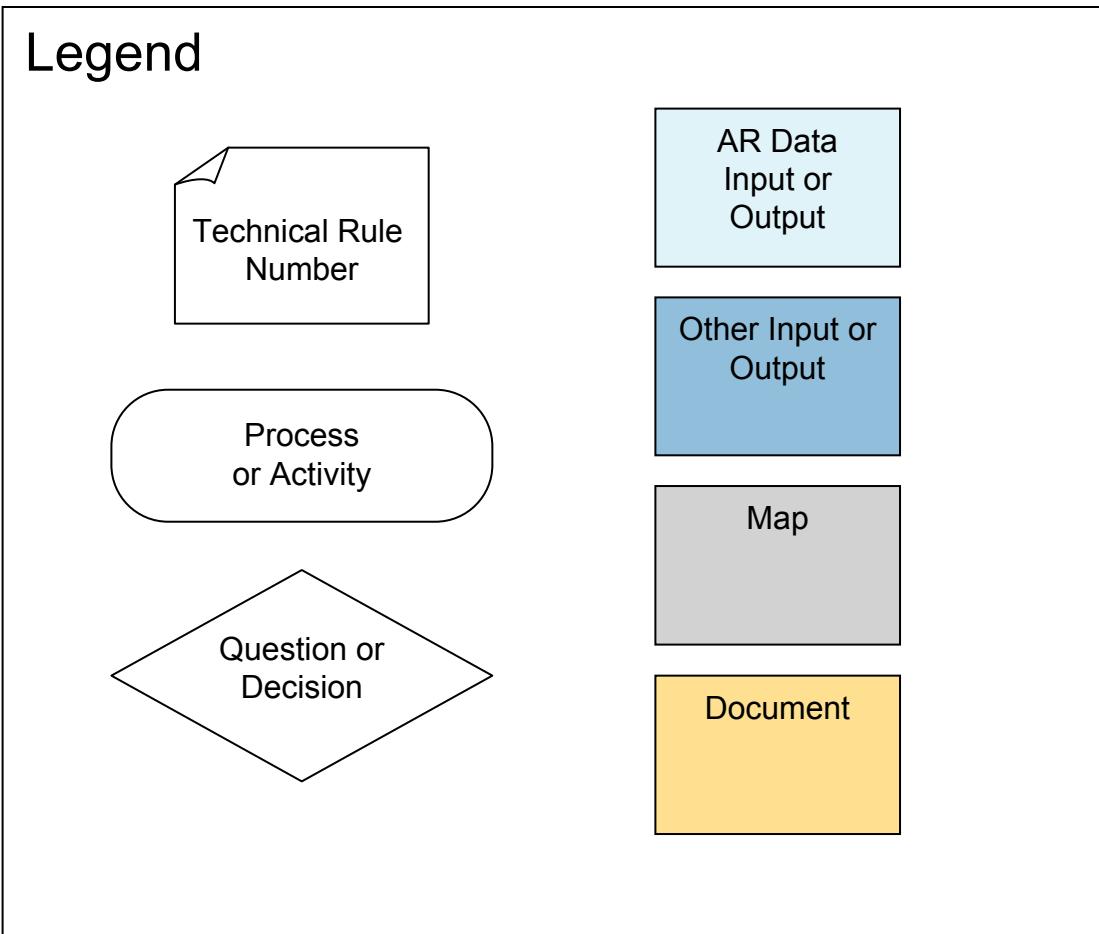


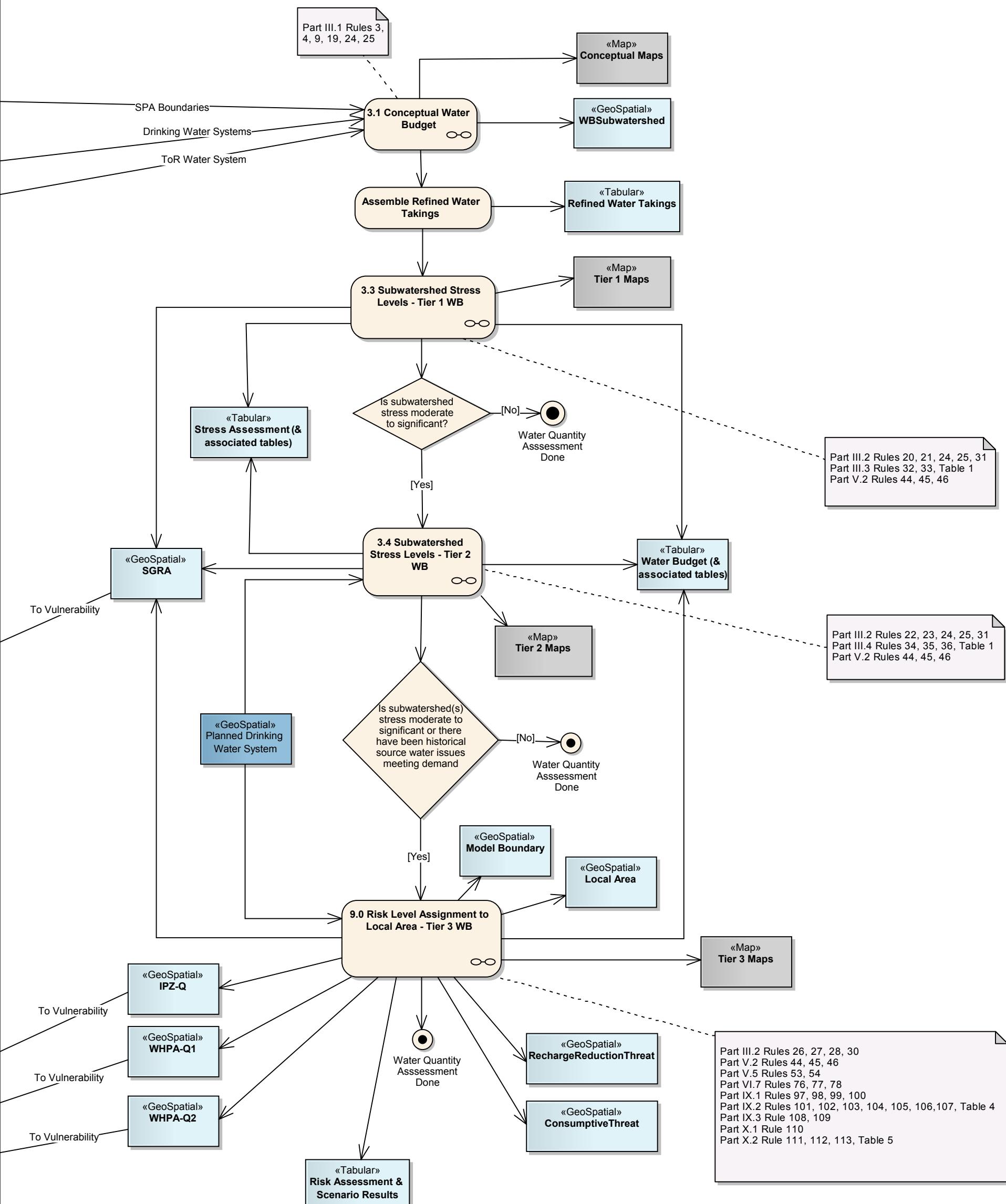
Water Budget & Water Quantity

Risk Assessment Technical Rules Road Map

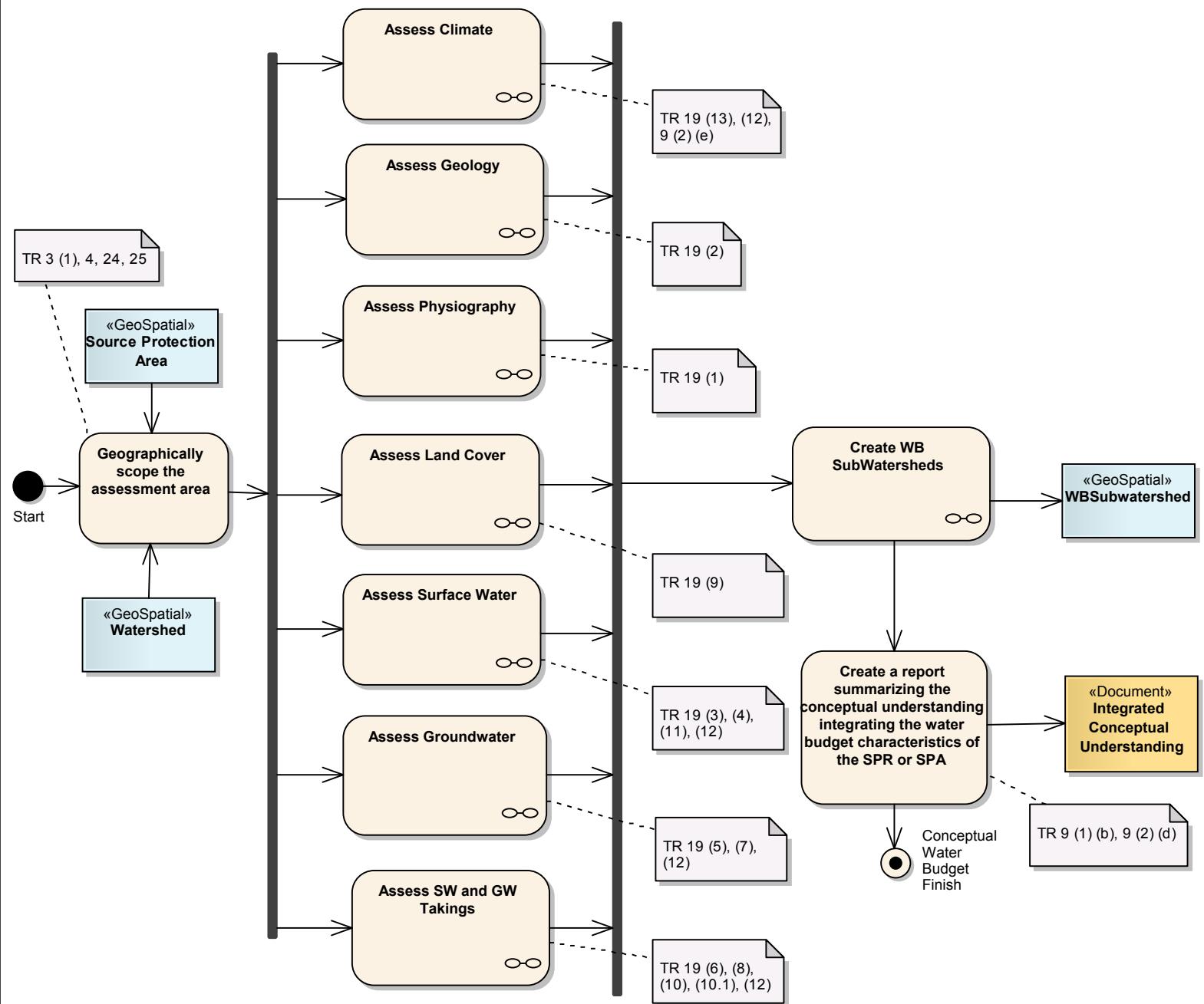
This Road Map was created in order to assist practitioners to undertake the Water Budget & Water Quantity Assessment process. The road map is a series of work flow diagrams that illustrate the processes or activities involved in completing Water Budget and Water Quantity Assessments. Where applicable, the Technical Rule numbers corresponding to the work flow have been noted. Please use this document with the “Technical Rules: Assessment Report” and the “Water Budget and Water Quantity Risk Assessment Guide”.



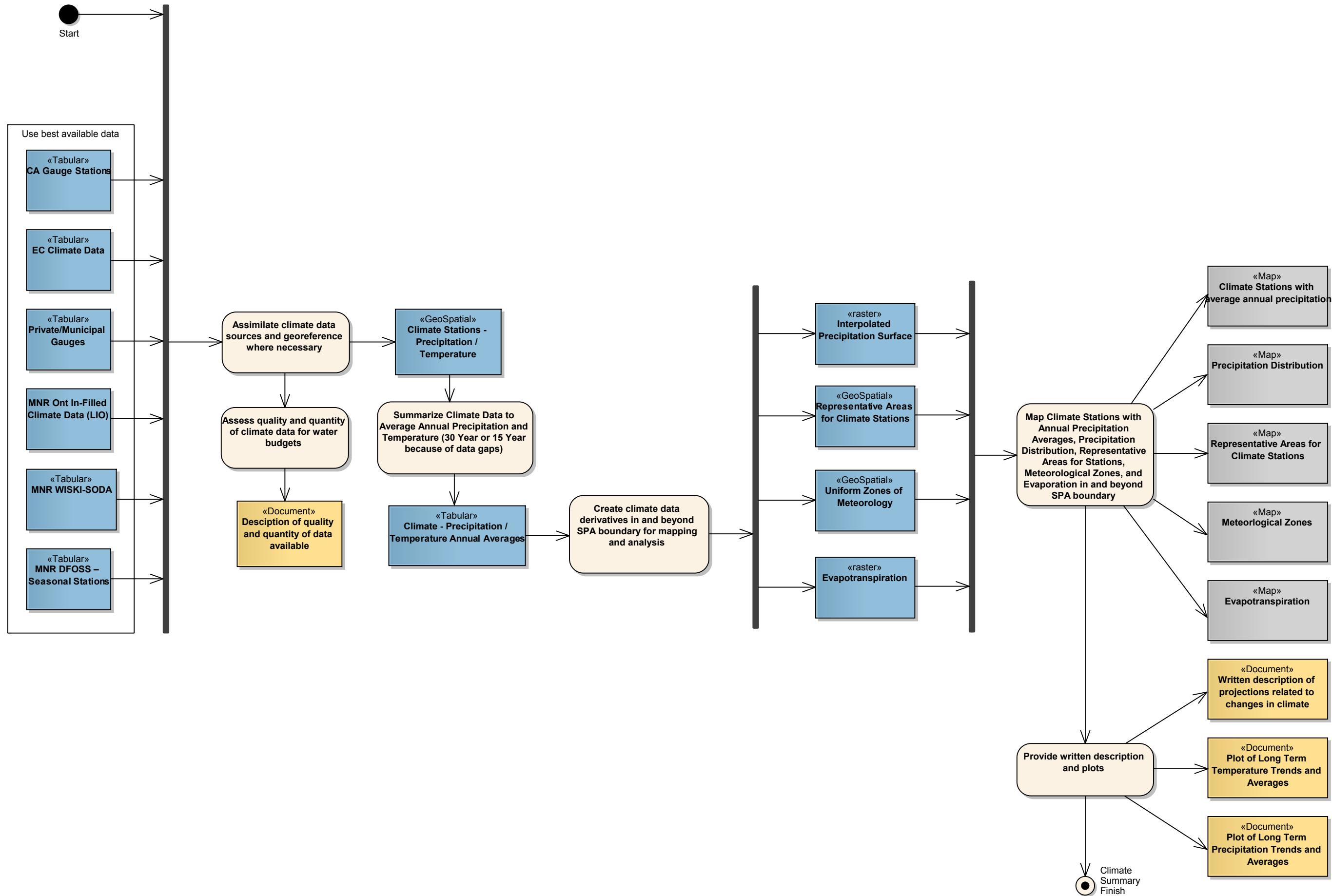
Overview of Water Budget and Water Quantity Assessment Framework



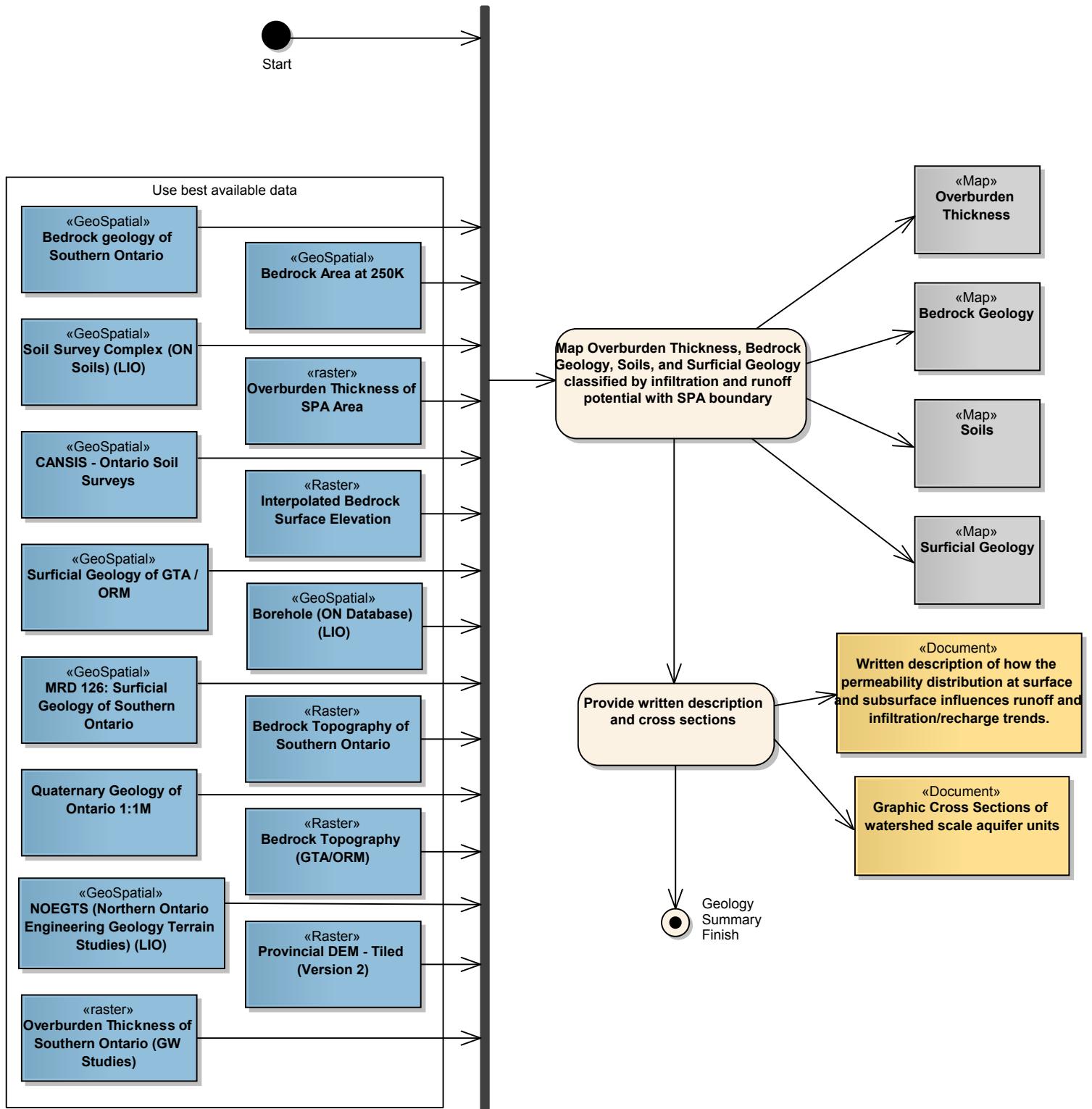
3.1 Conceptual Water Budget



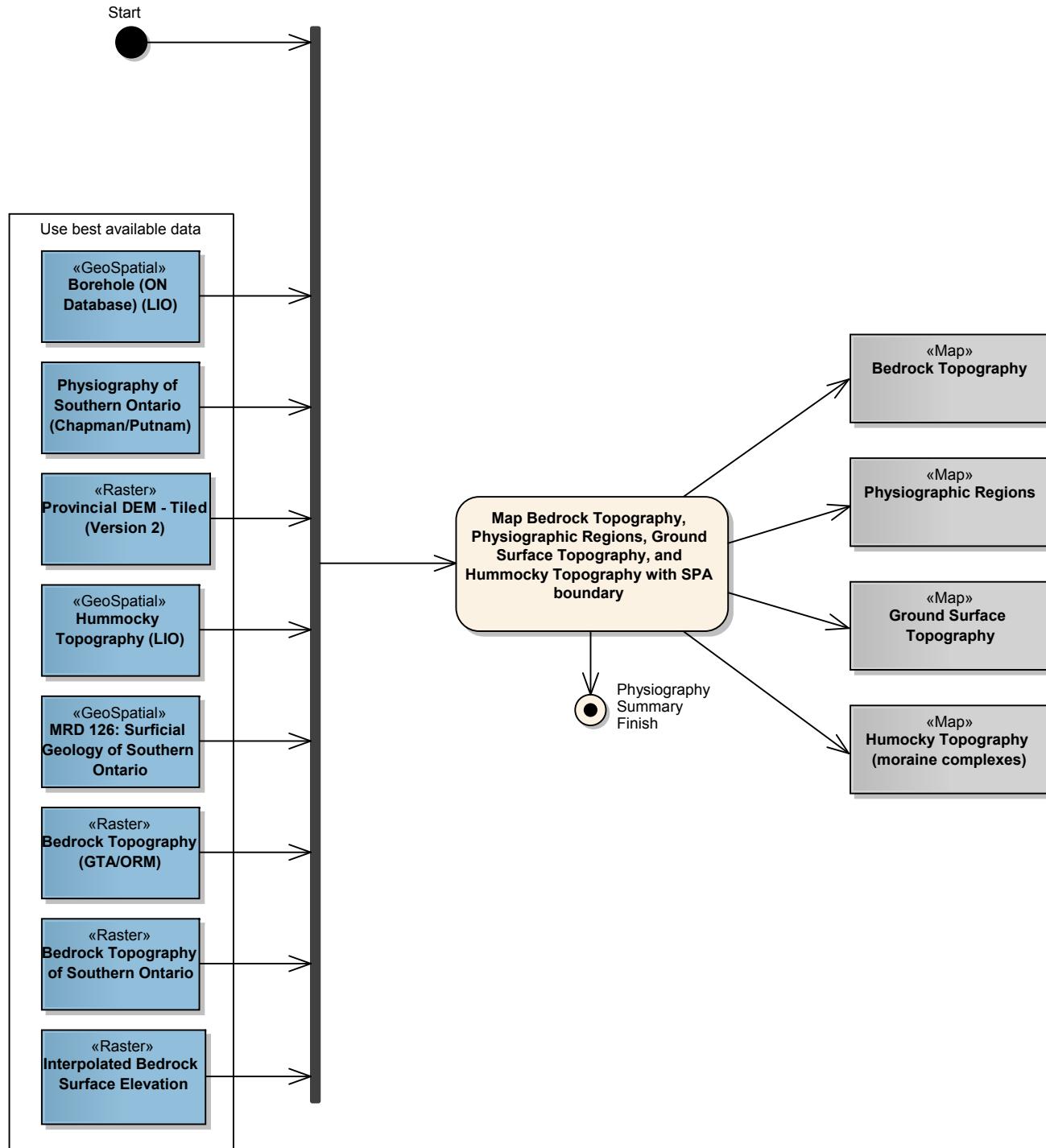
Assess Climate



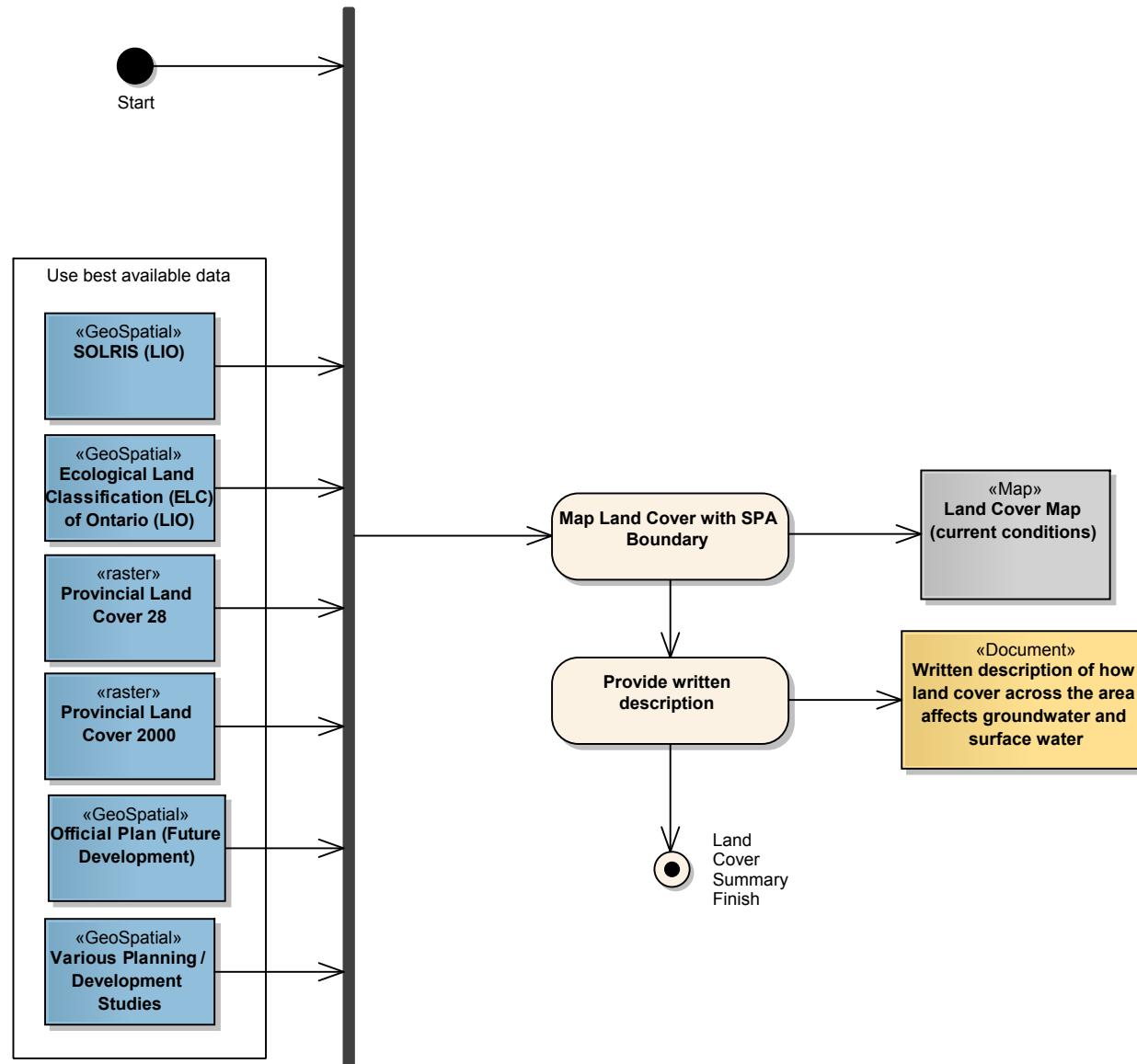
Assess Geology



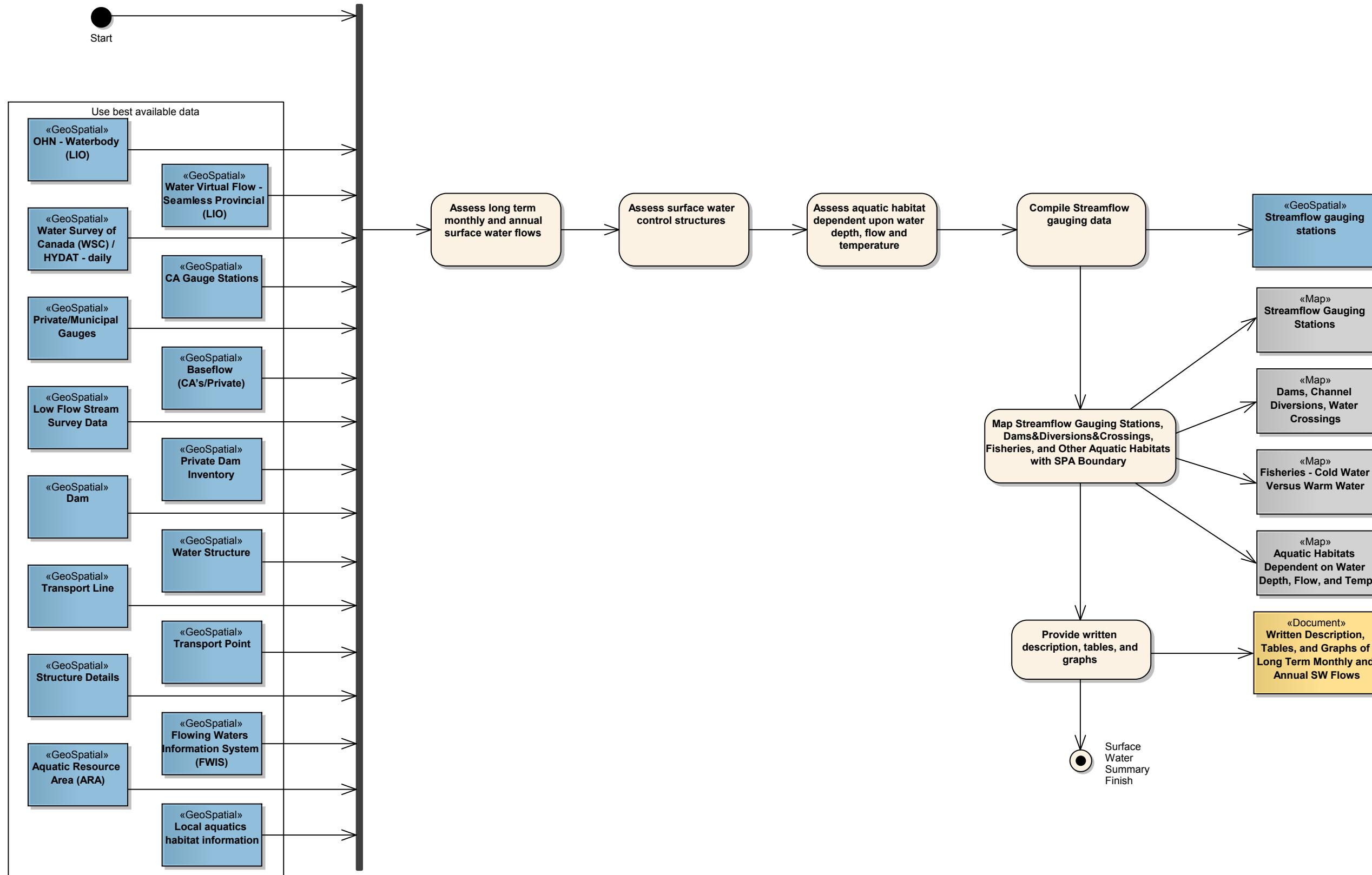
Assess Physiography



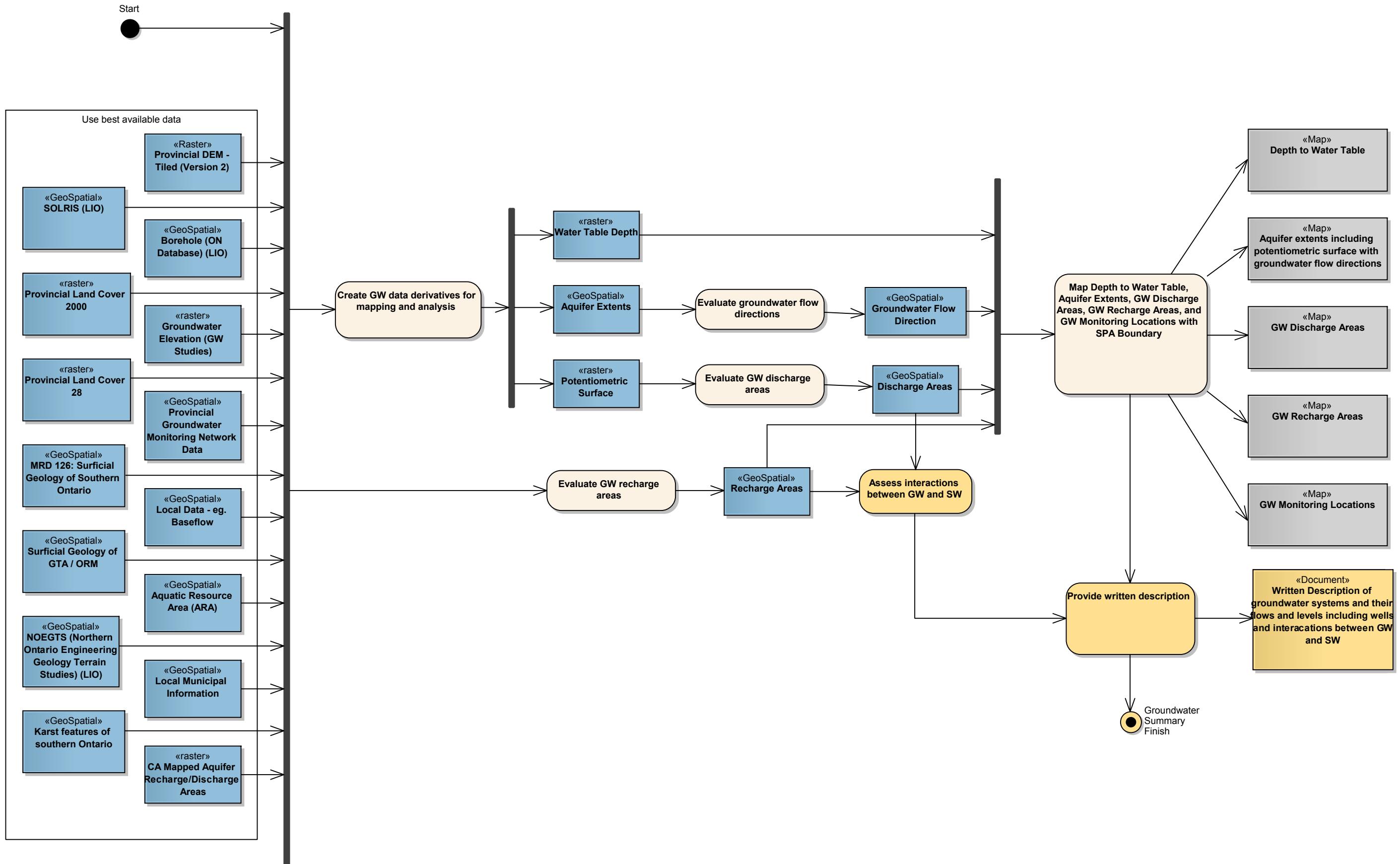
Assess Land Cover



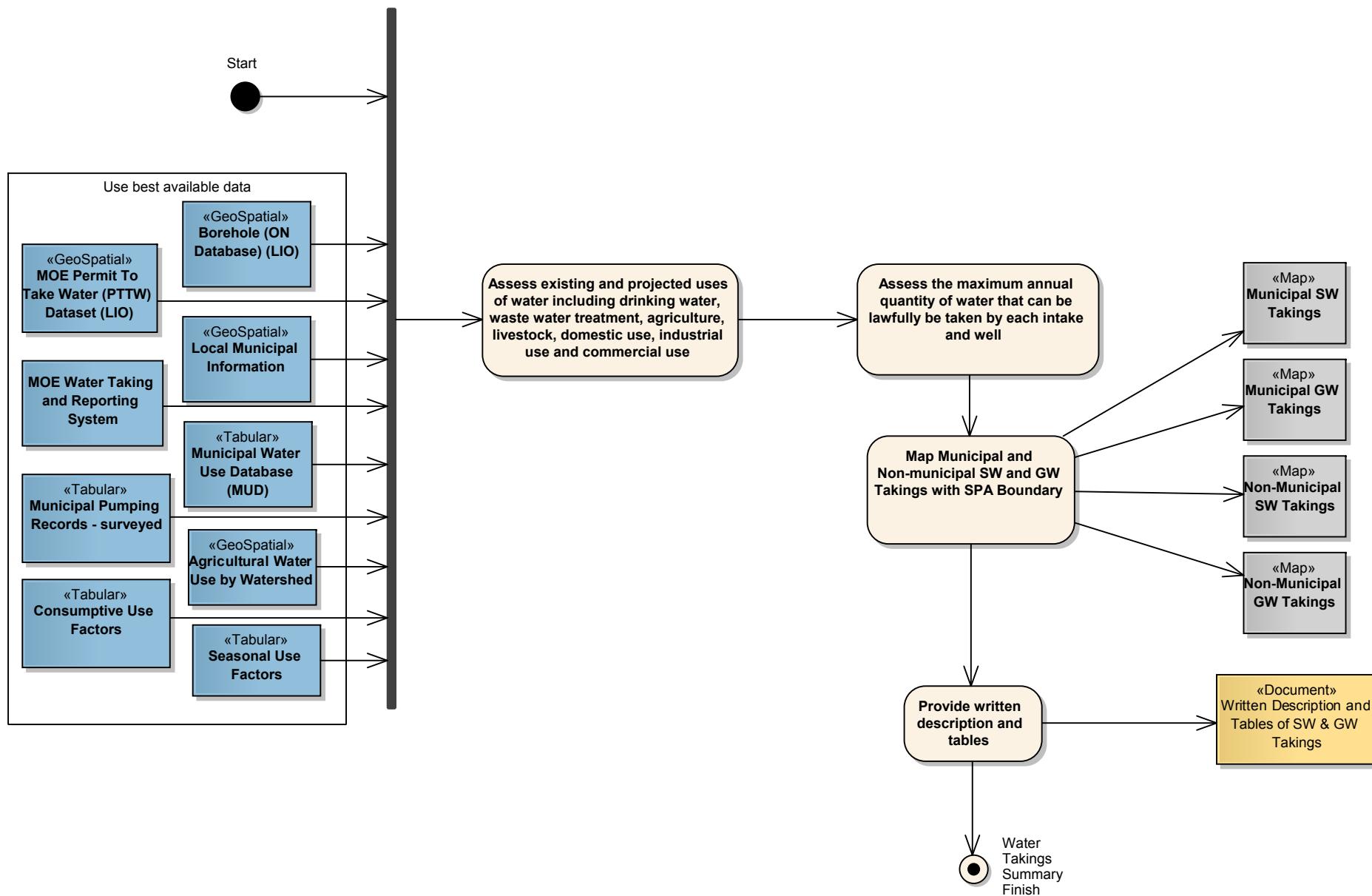
Assess Surface Water



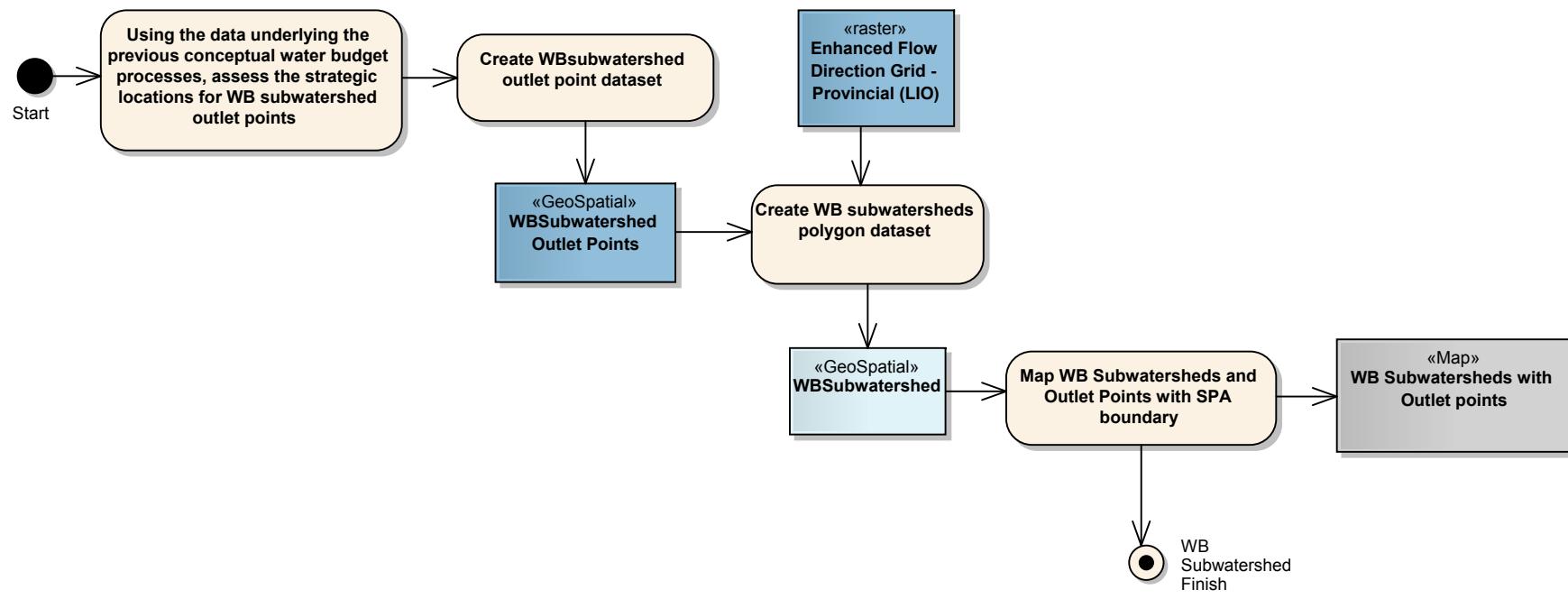
Assess Groundwater



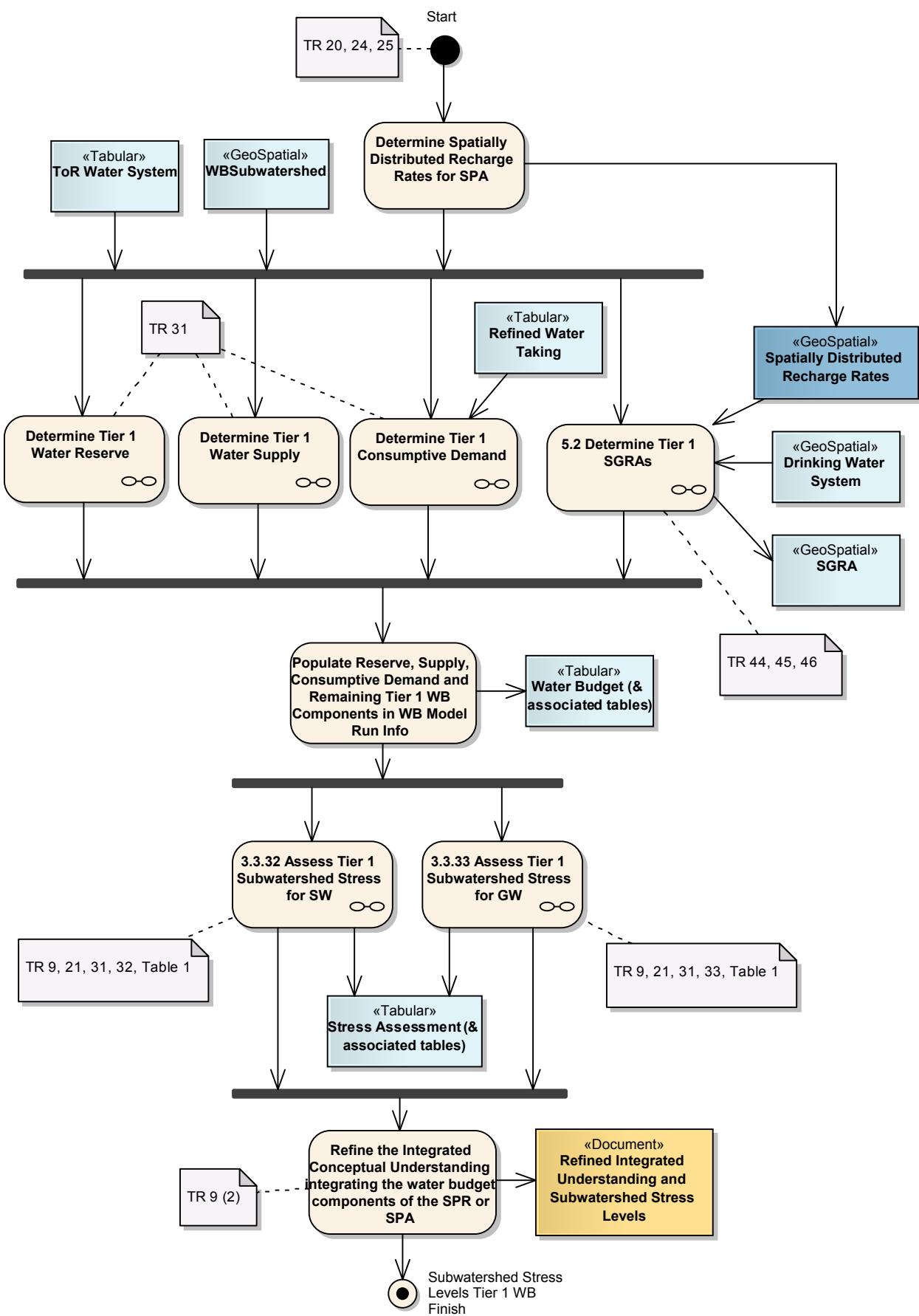
Assess SW and GW Takings



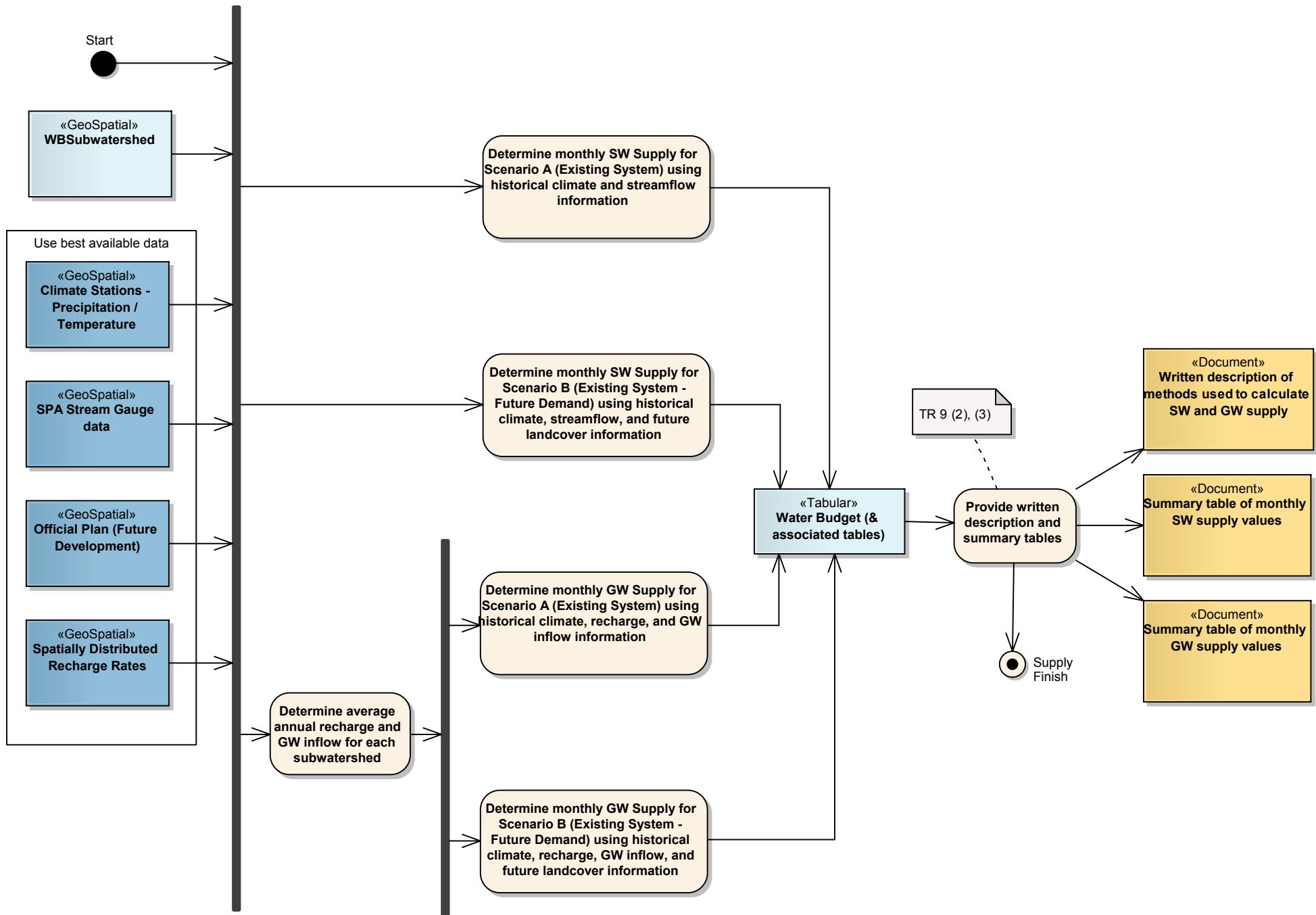
Create WB SubWatersheds



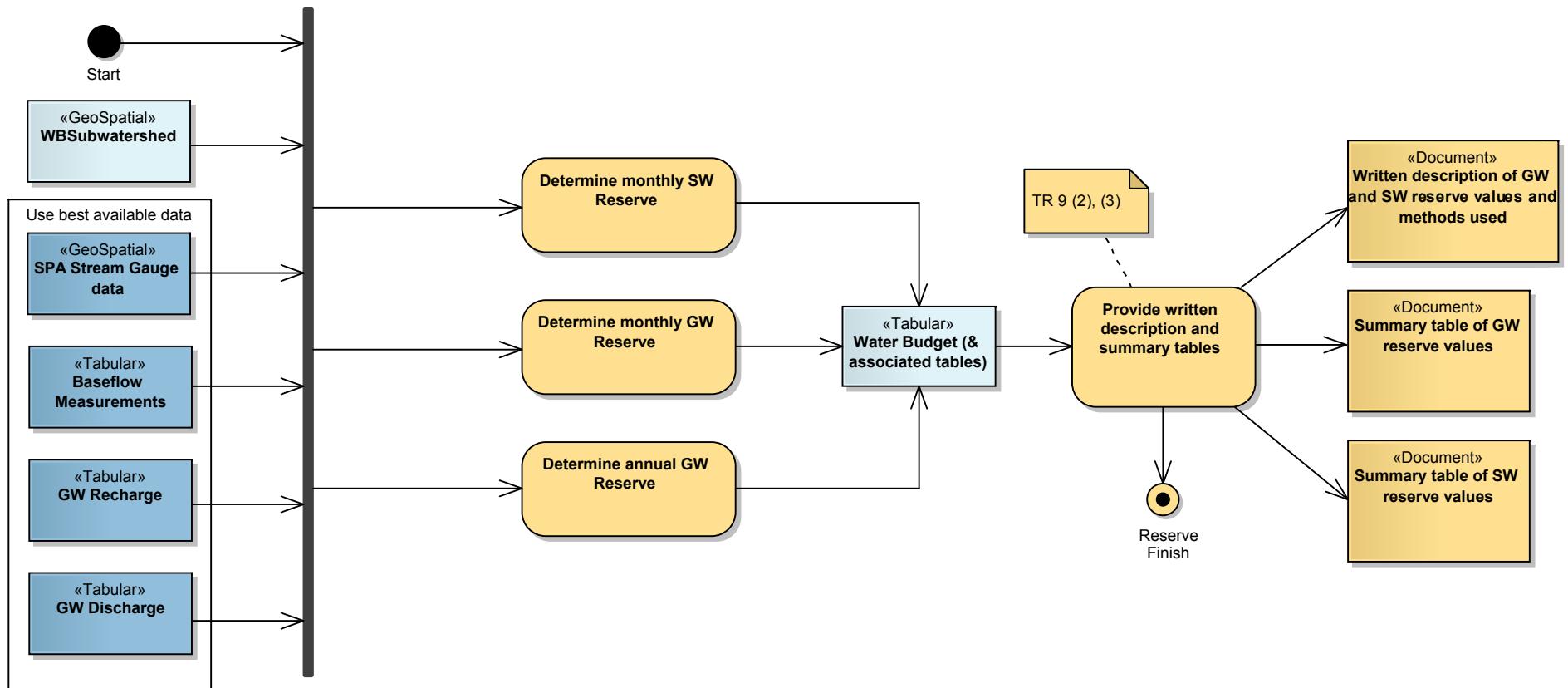
3.3 Subwatershed Stress Levels - Tier 1 WB



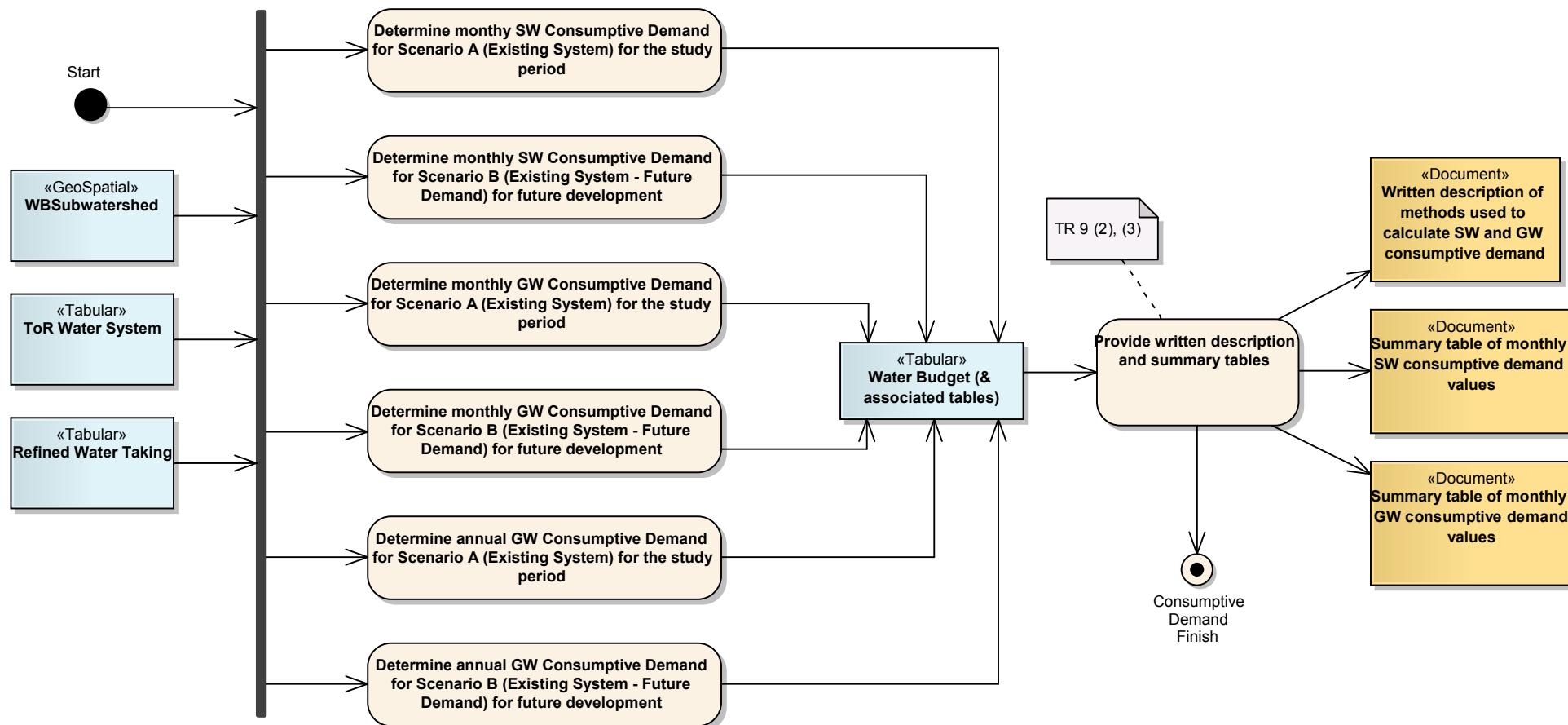
Determine Tier 1 Water Supply



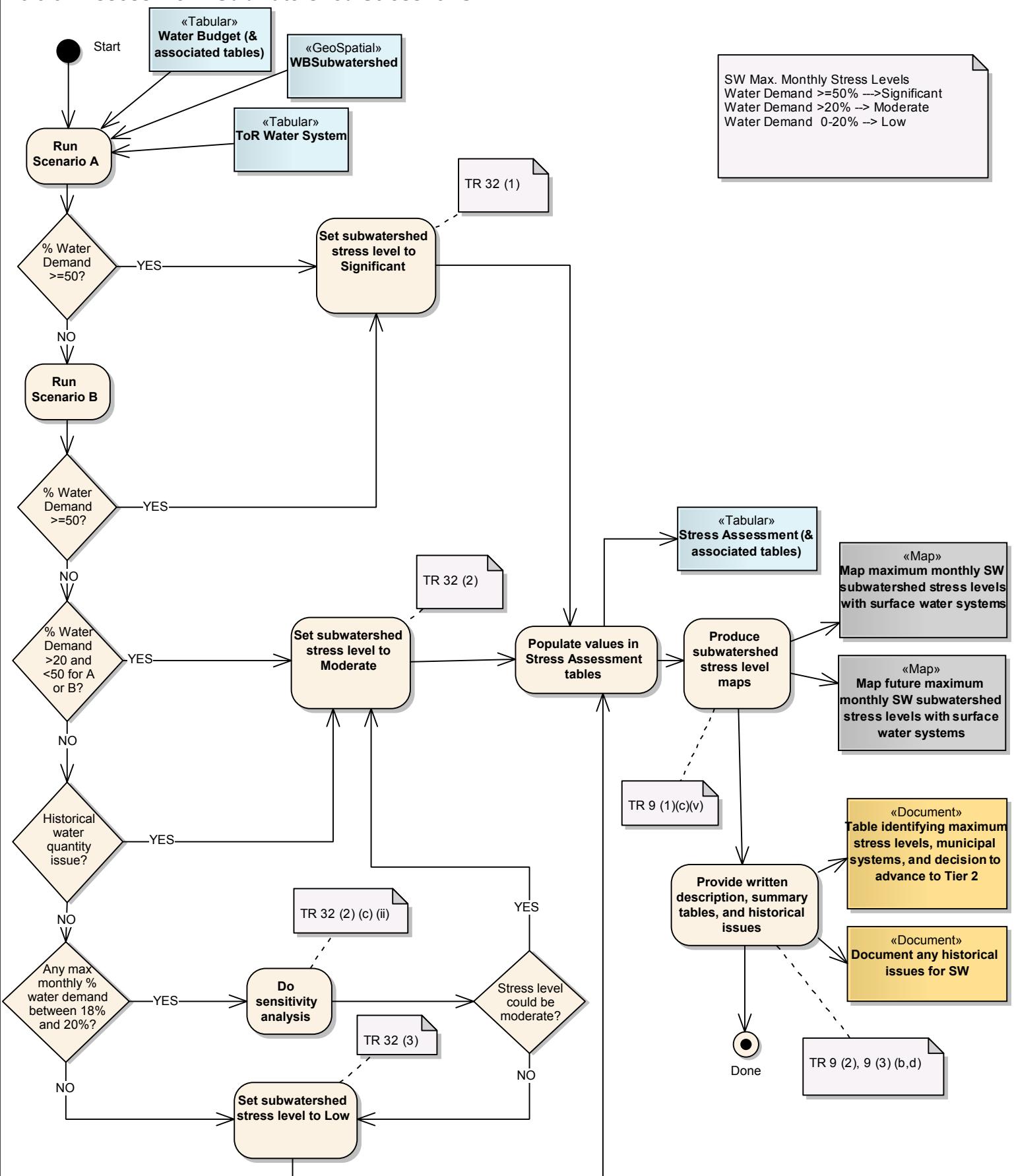
Determine Tier 1 Water Reserve



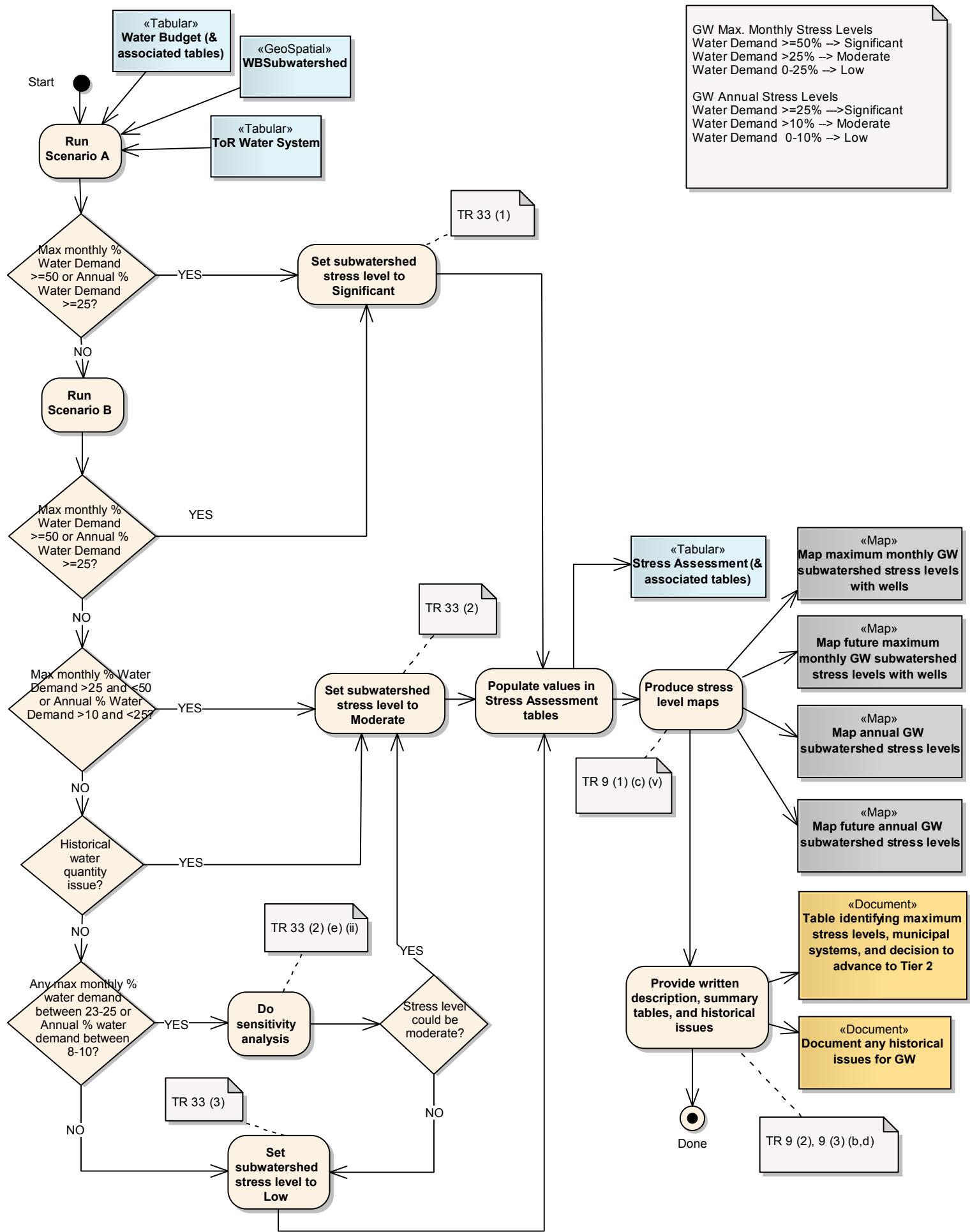
Determine Tier 1 Consumptive Demand



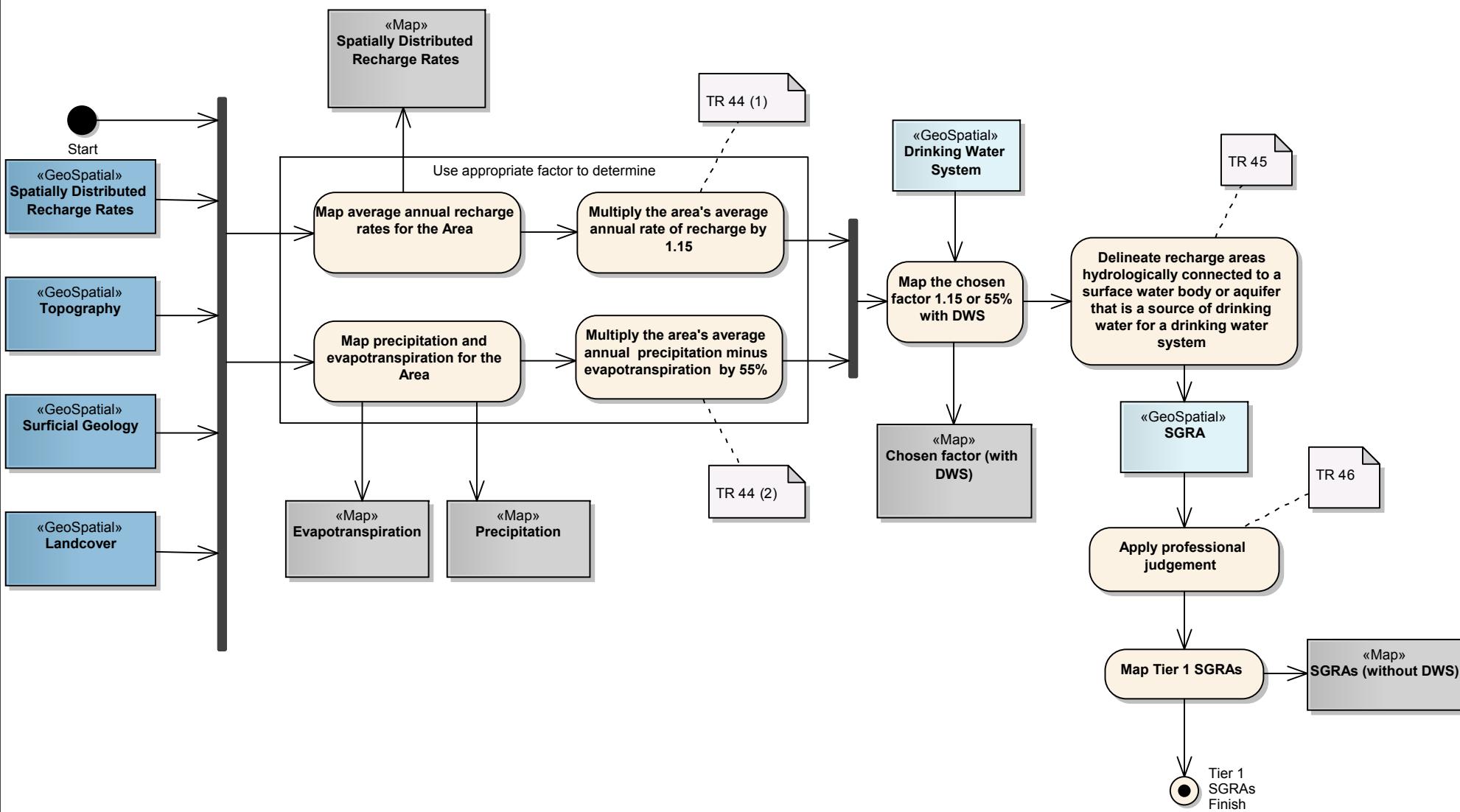
3.3.32 Assess Tier 1 Subwatershed Stress for SW



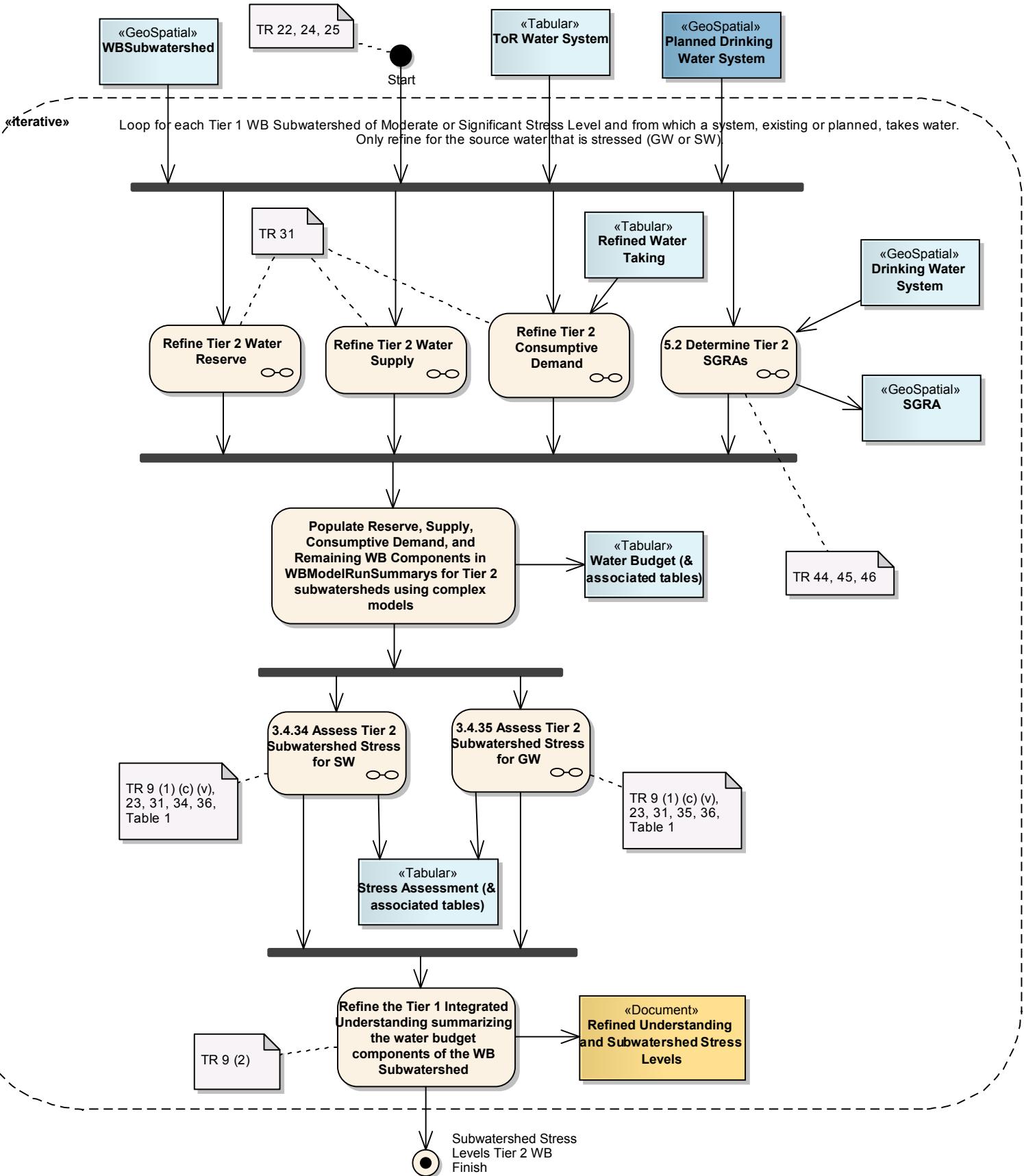
3.3.33 Assess Tier 1 Subwatershed Stress for GW



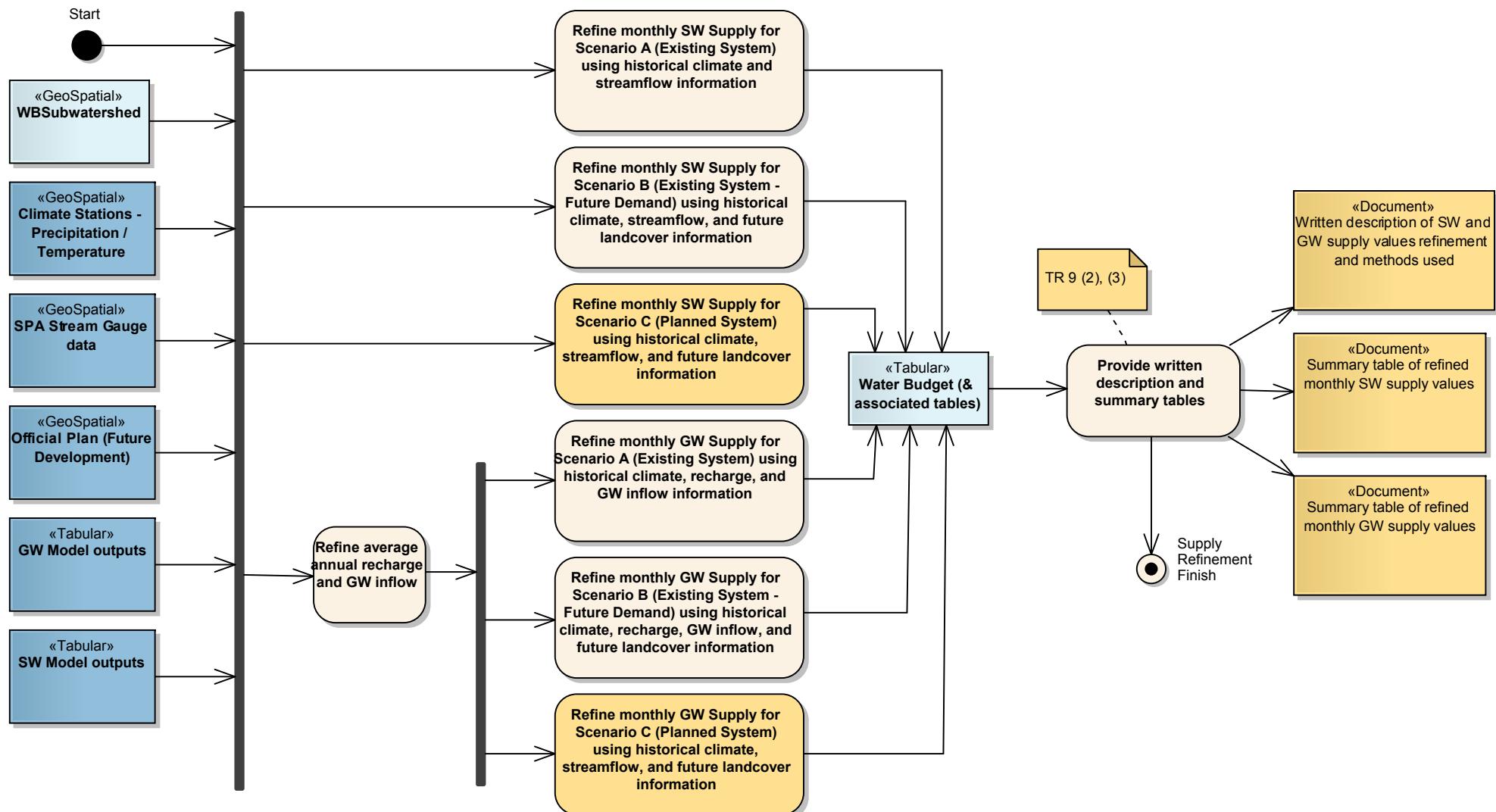
5.2 Determine Tier 1 SGRA



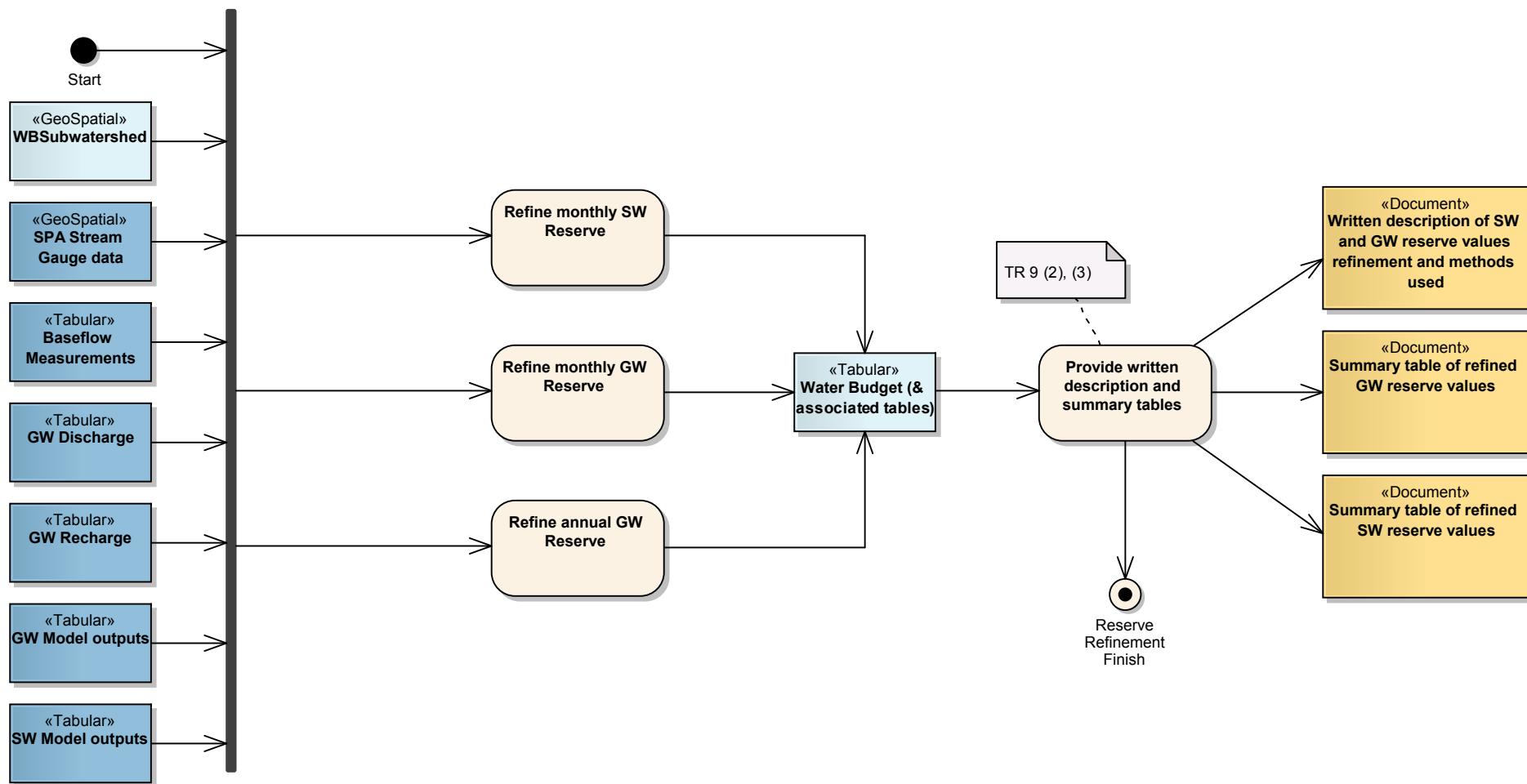
3.4 Subwatershed Stress Levels - Tier 2 WB



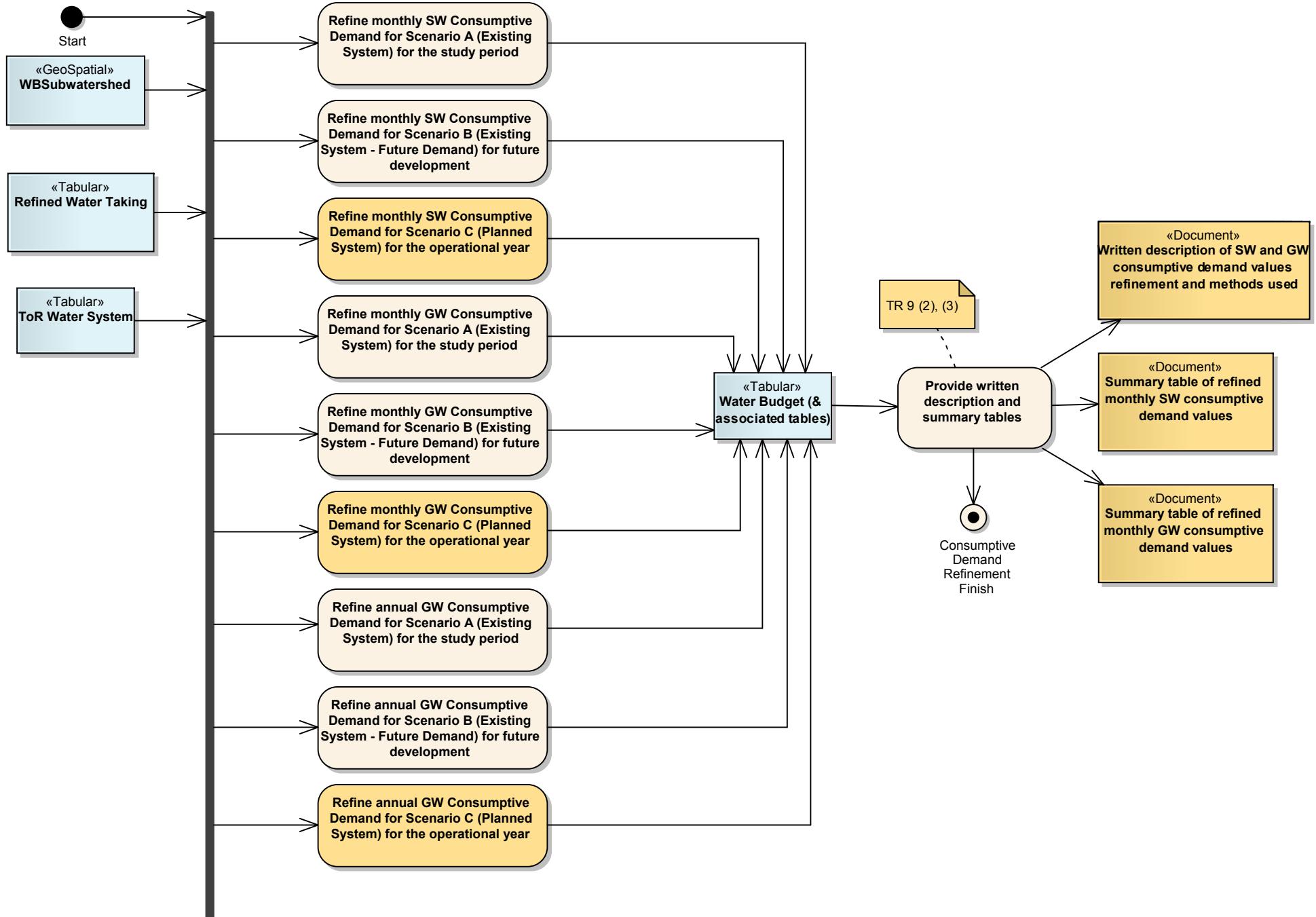
Refine Tier 2 Water Supply



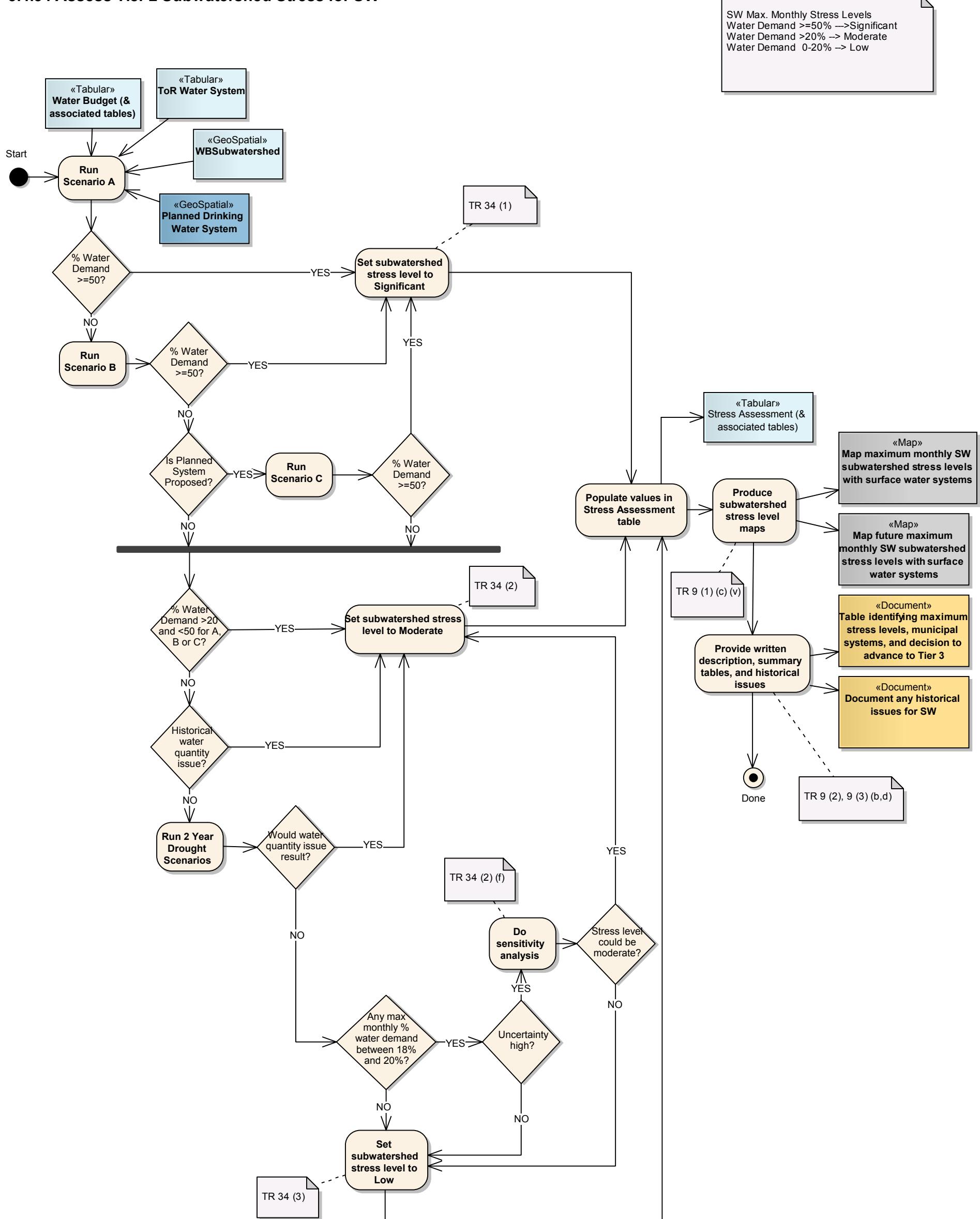
Refine Tier 2 Water Reserve



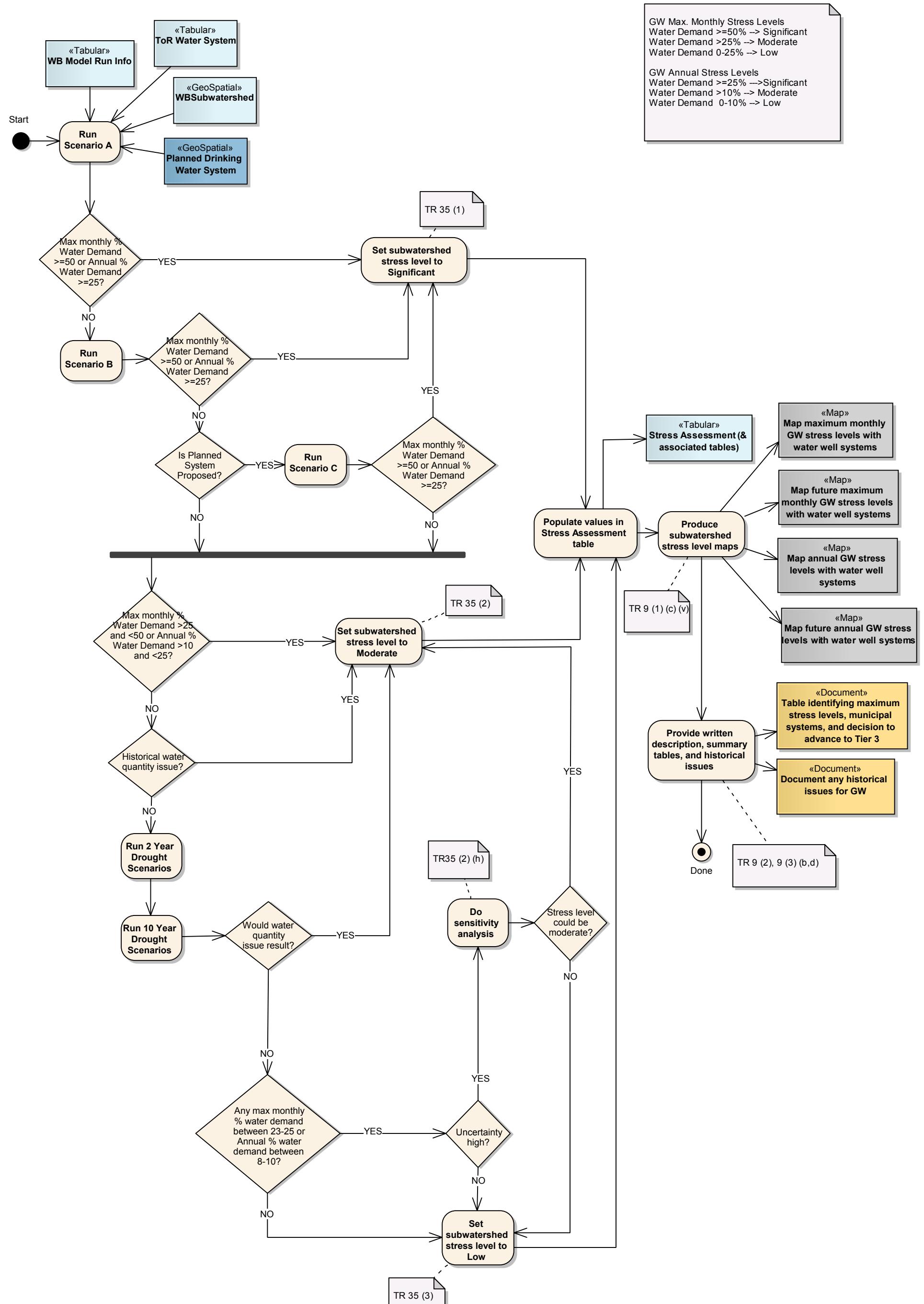
Refine Tier 2 Consumptive Demand



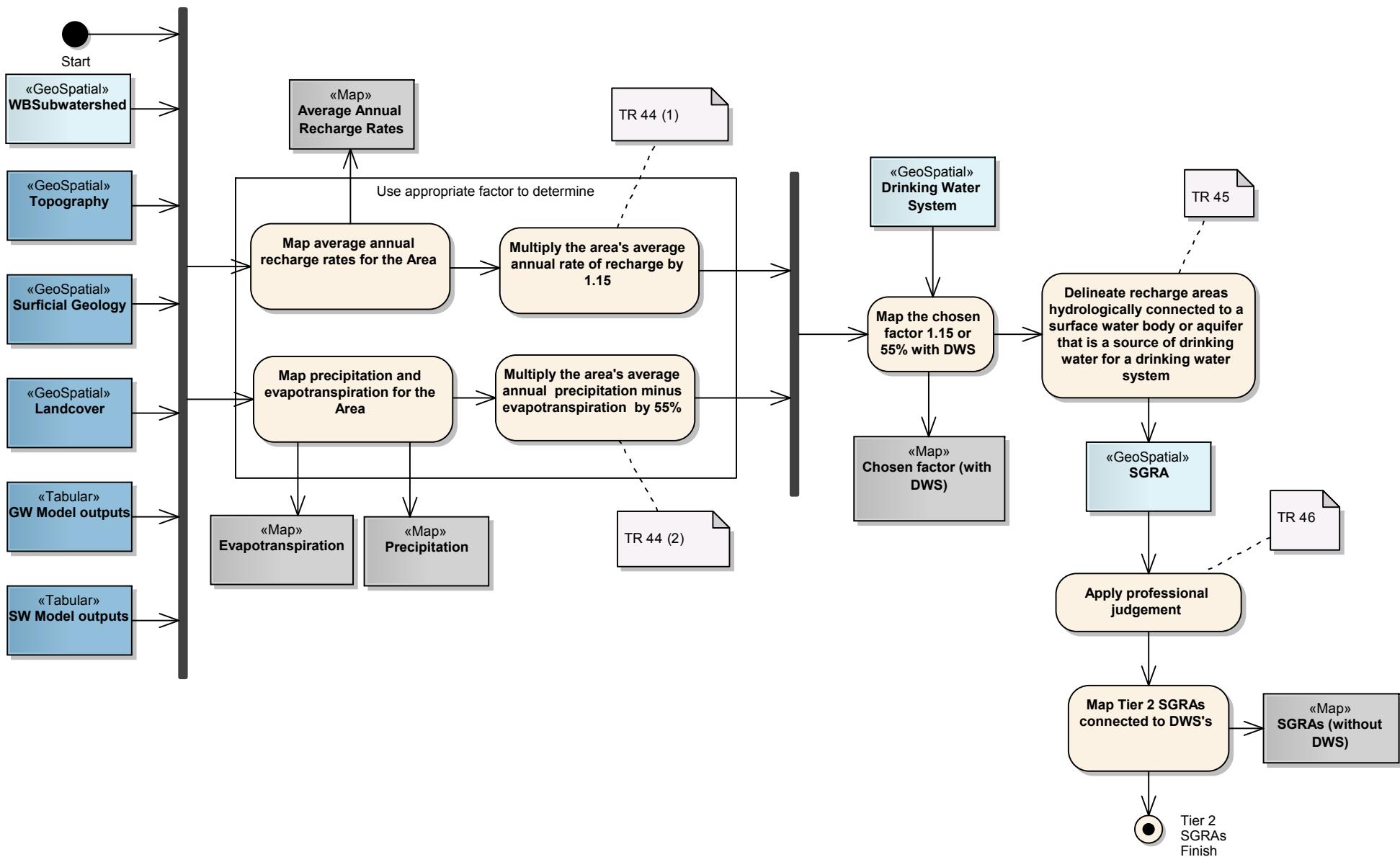
3.4.34 Assess Tier 2 Subwatershed Stress for SW



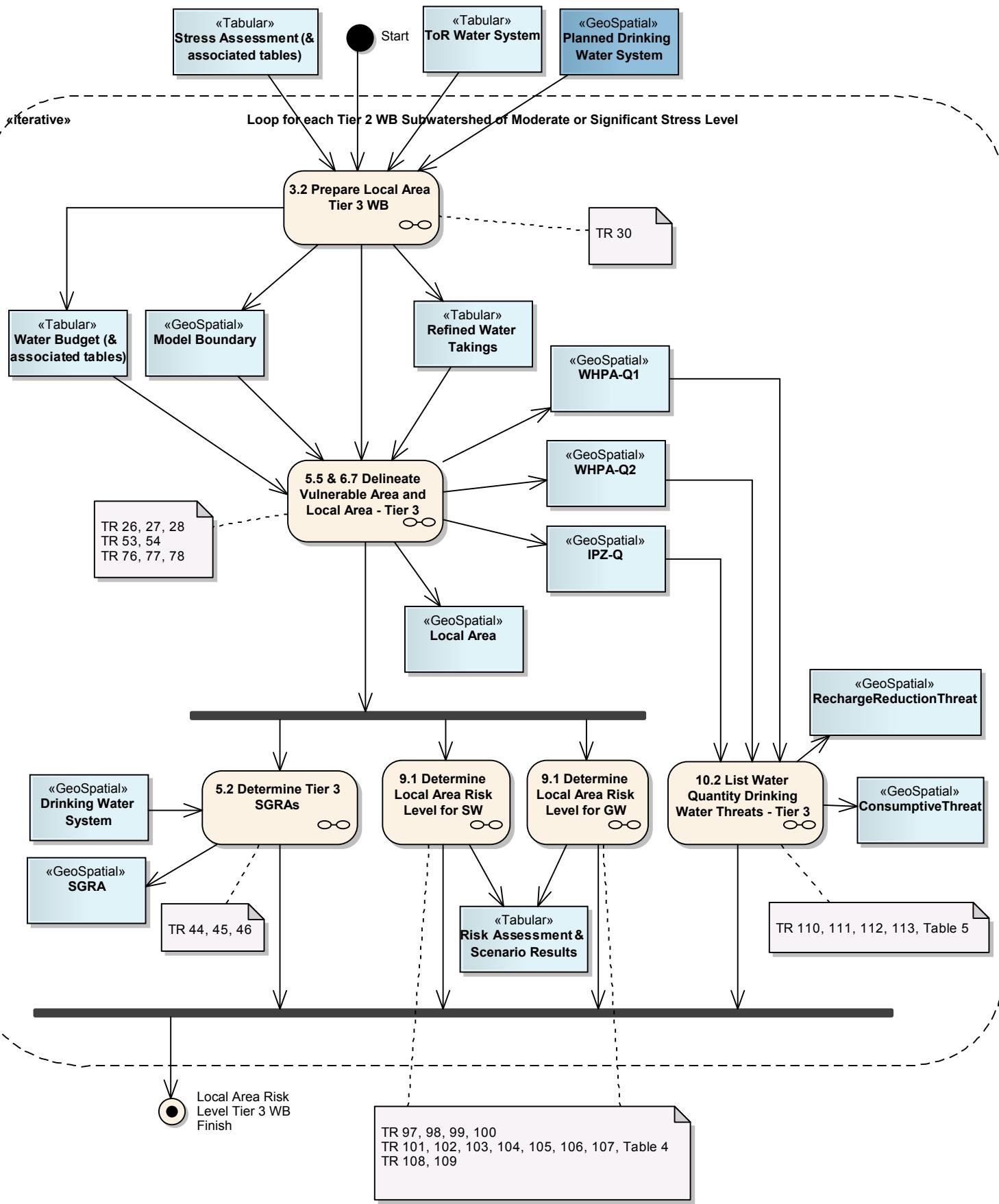
3.4.35 Assess Tier 2 Subwatershed Stress for GW



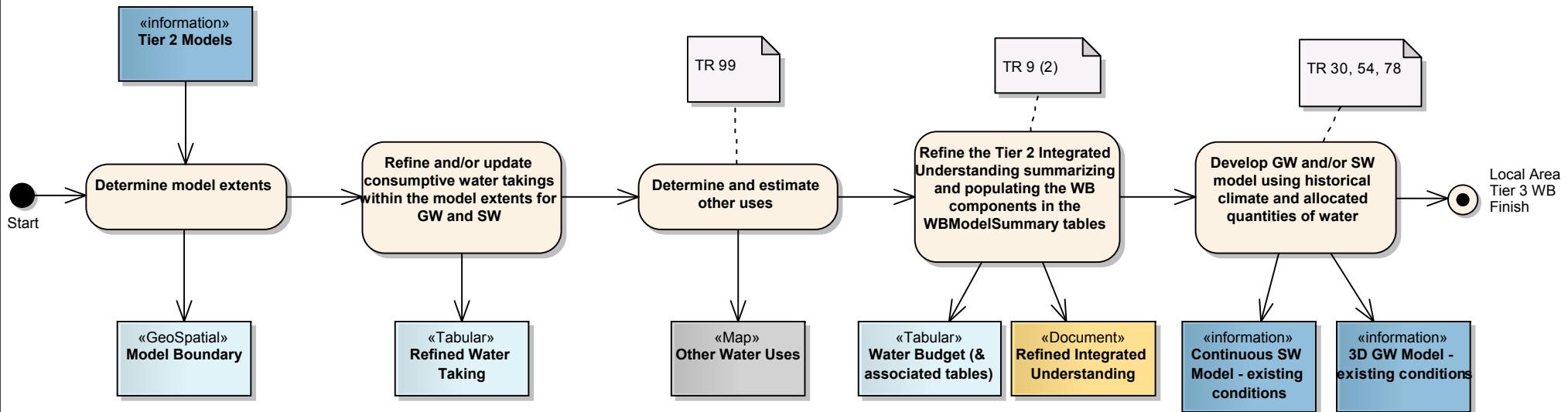
5.2 Determine Tier 2 SGRA



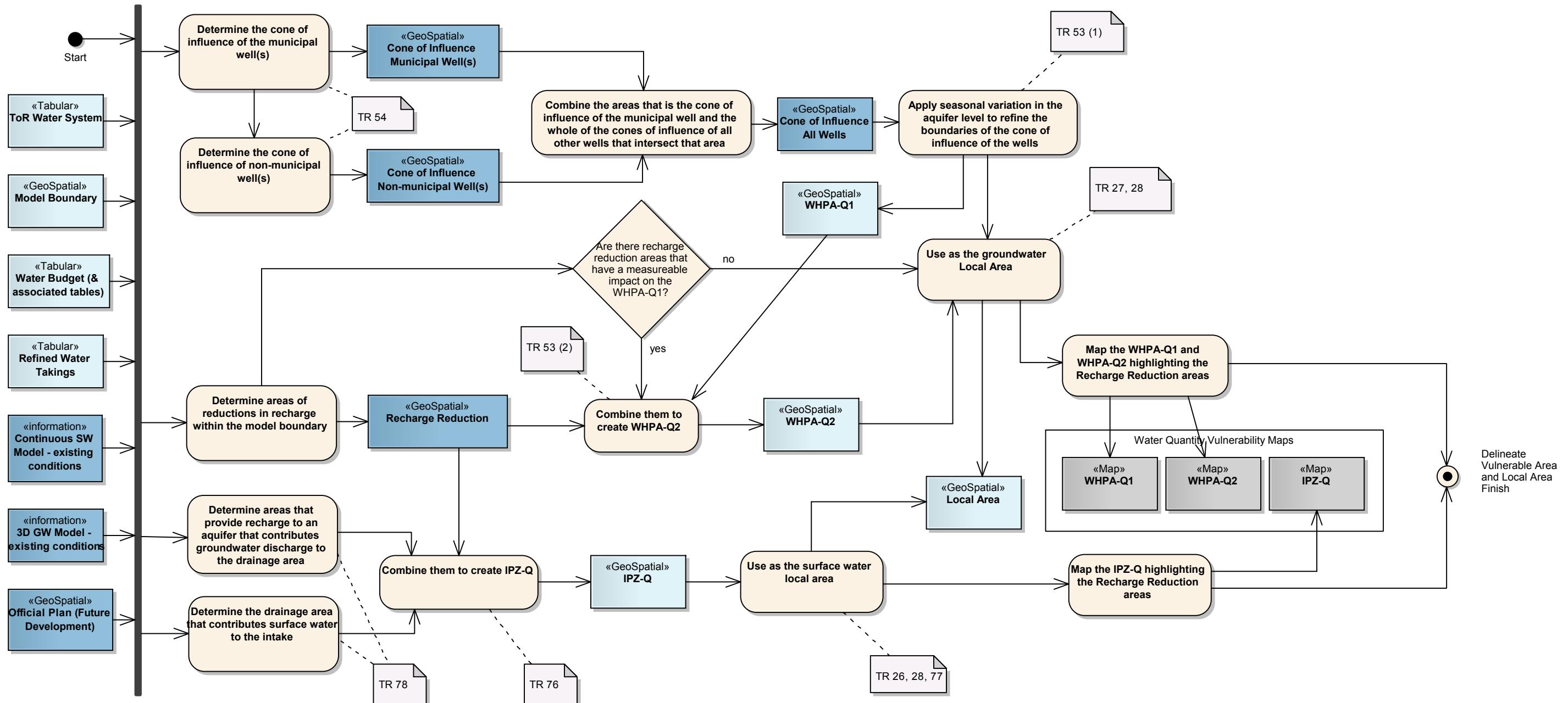
9.0 Local Area Risk Level - Tier 3 WB



3.2 Prepare Local Area Tier 3 Water Budget

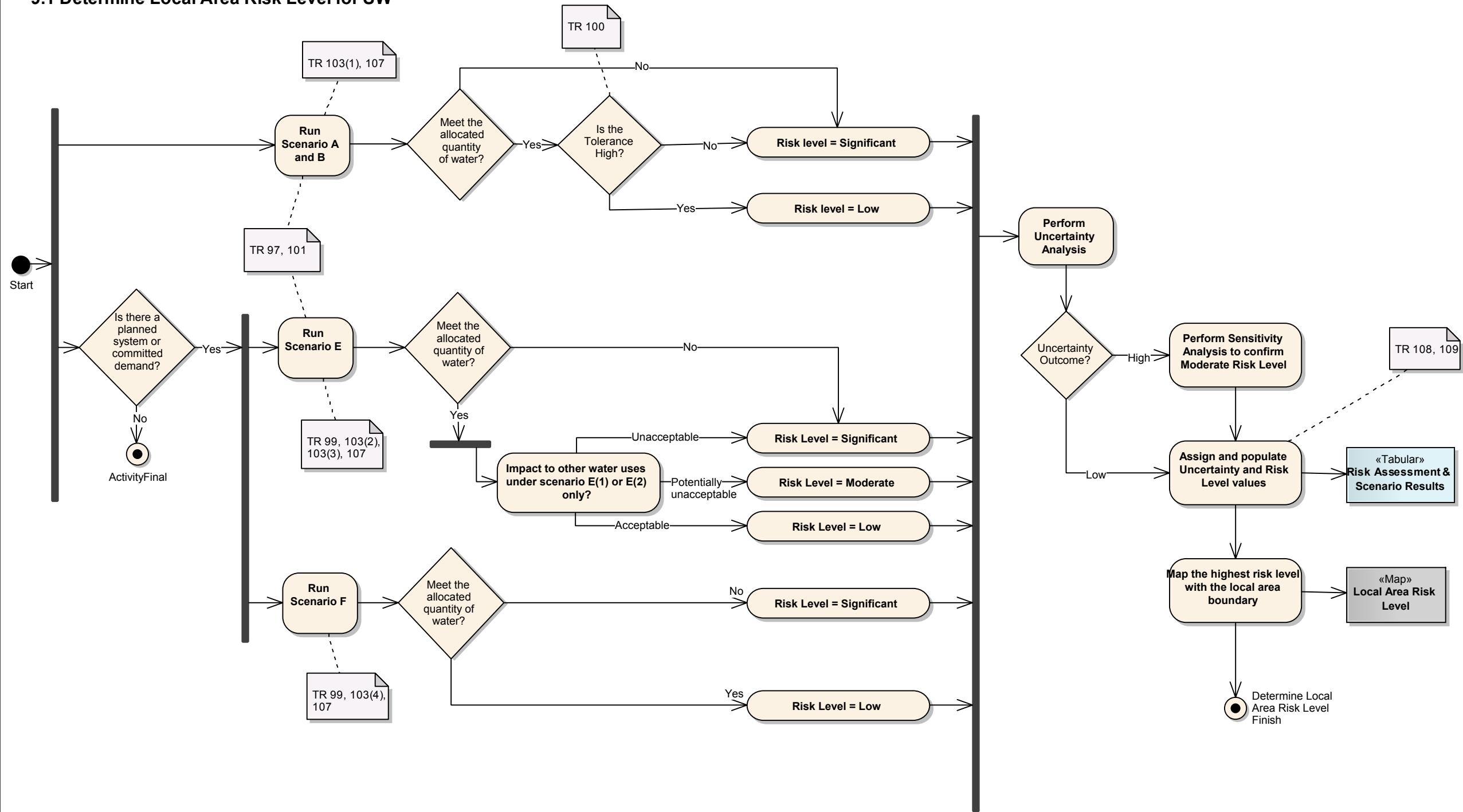


5.5 & 6.7 Delineate Vulnerable Area and Local Area - Tier 3

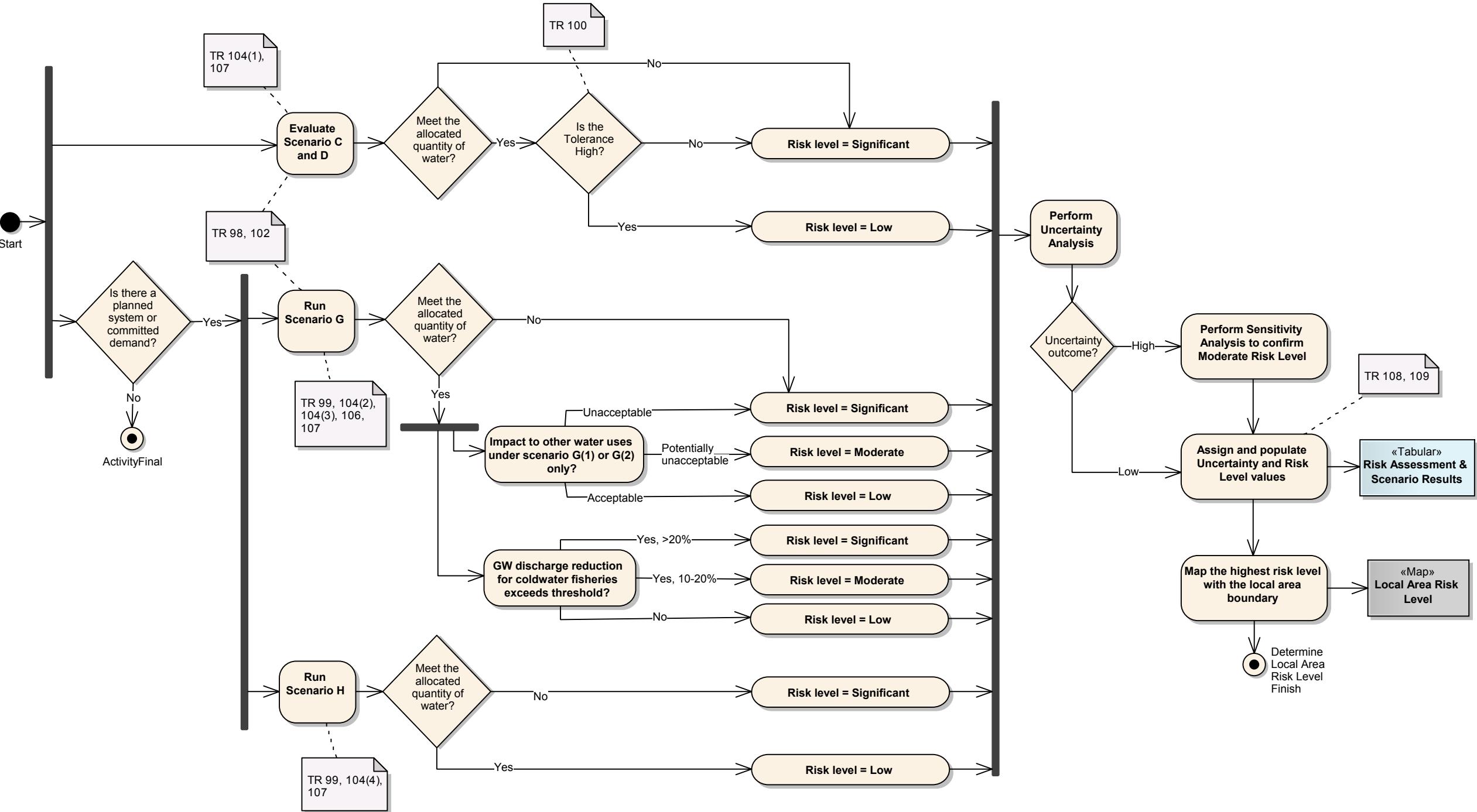


Delineate
Vulnerable Area
and Local Area
Finish

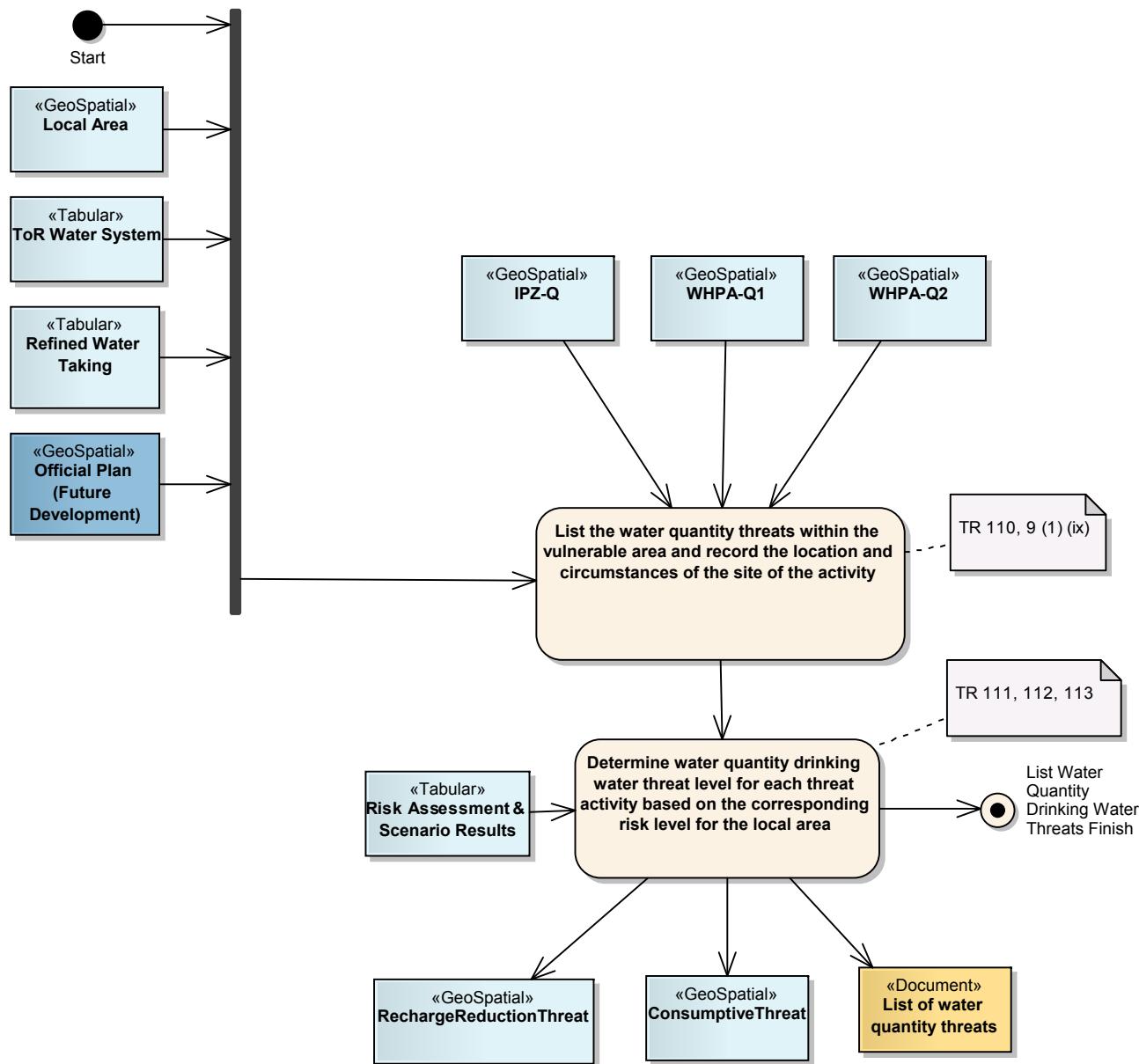
9.1 Determine Local Area Risk Level for SW



9.1 Determine Local Area Risk Level for GW



10.2 List Water Quantity Drinking Water Threats - Tier 3



5.2 Determine Tier 3 SGRA's

