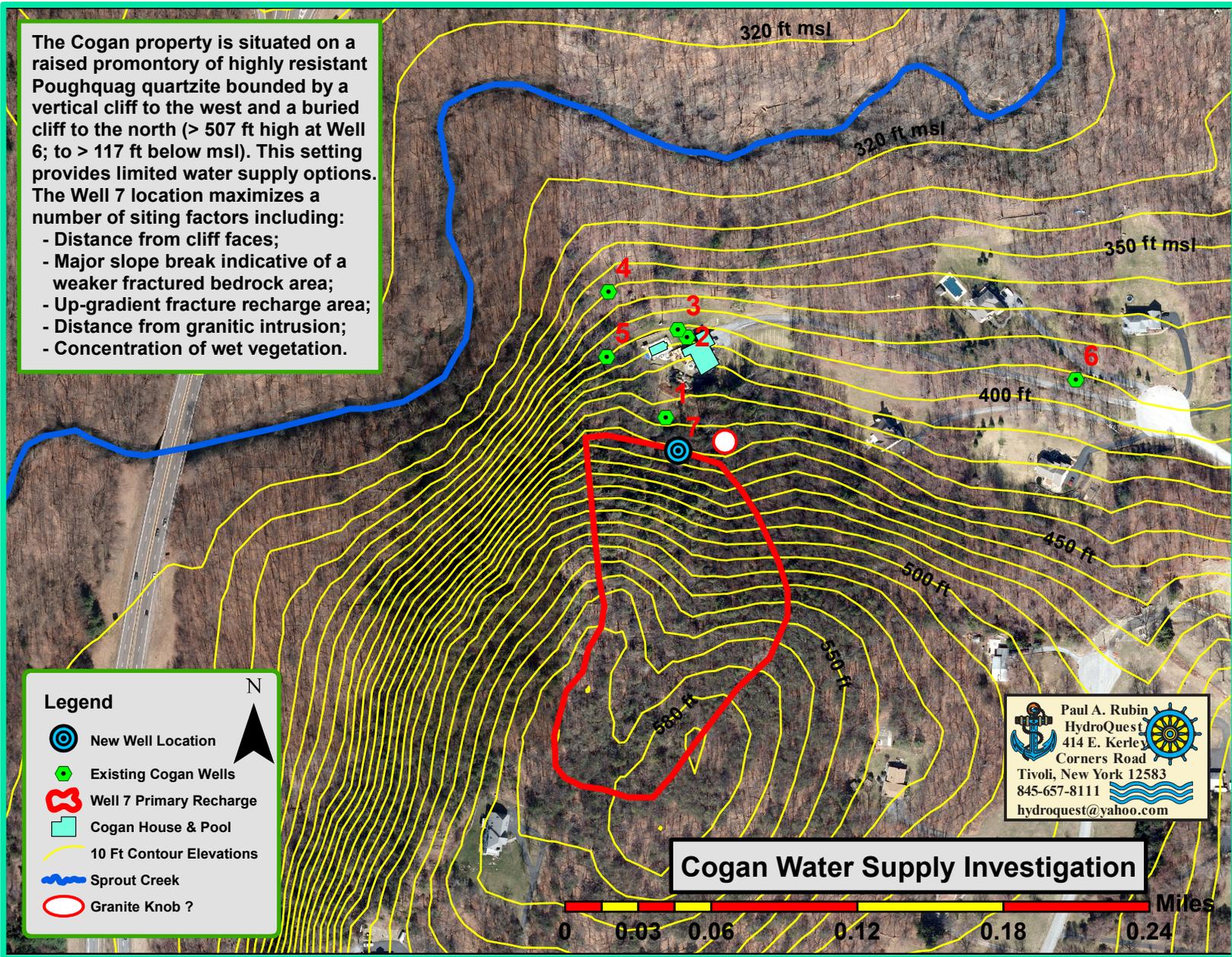


The Cogan property is situated on a raised promontory of highly resistant Poughquag quartzite bounded by a vertical cliff to the west and a buried cliff to the north (> 507 ft high at Well 6; to > 117 ft below msl). This setting provides limited water supply options. The Well 7 location maximizes a number of siting factors including:

- Distance from cliff faces;
- Major slope break indicative of a weaker fractured bedrock area;
- Up-gradient fracture recharge area;
- Distance from granitic intrusion;
- Concentration of wet vegetation.



Legend

-  New Well Location
-  Existing Cogan Wells
-  Well 7 Primary Recharge
-  Cogan House & Pool
-  10 Ft Contour Elevations
-  Sprout Creek
-  Granite Knob ?


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Cogan Water Supply Investigation

