



USDA
Forest Service

Hells Canyon National Recreation Area

Gem Lake 79-14073

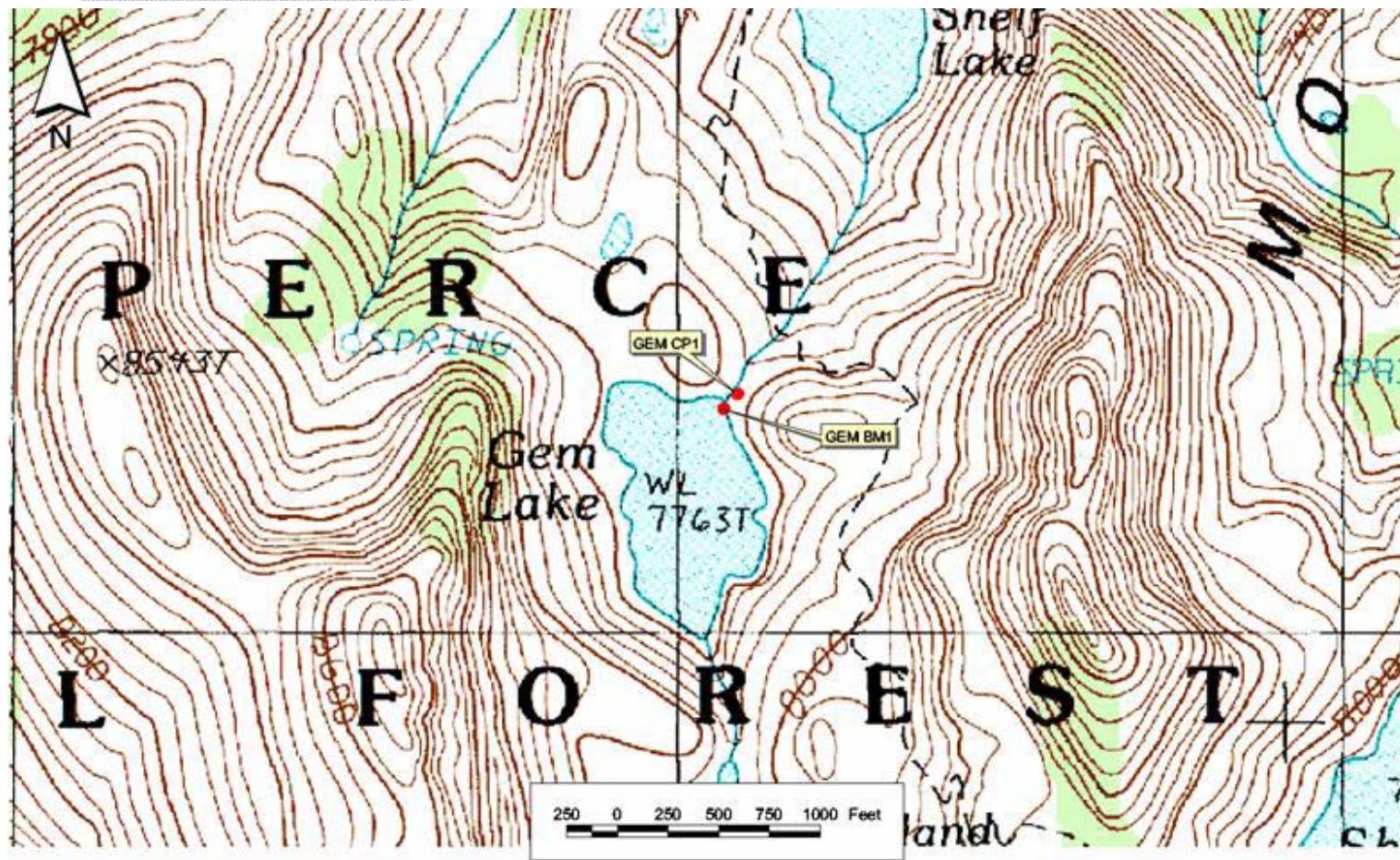




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Gem Lake 79-14073 Bench Marks



Locations of BM1 and CP1 are from coordinates collected by a Garmin 76S. Due to poor accuracy of the GPS collected points, please refer to the hand drawn map for locations of benchmarks relative to the outlet.

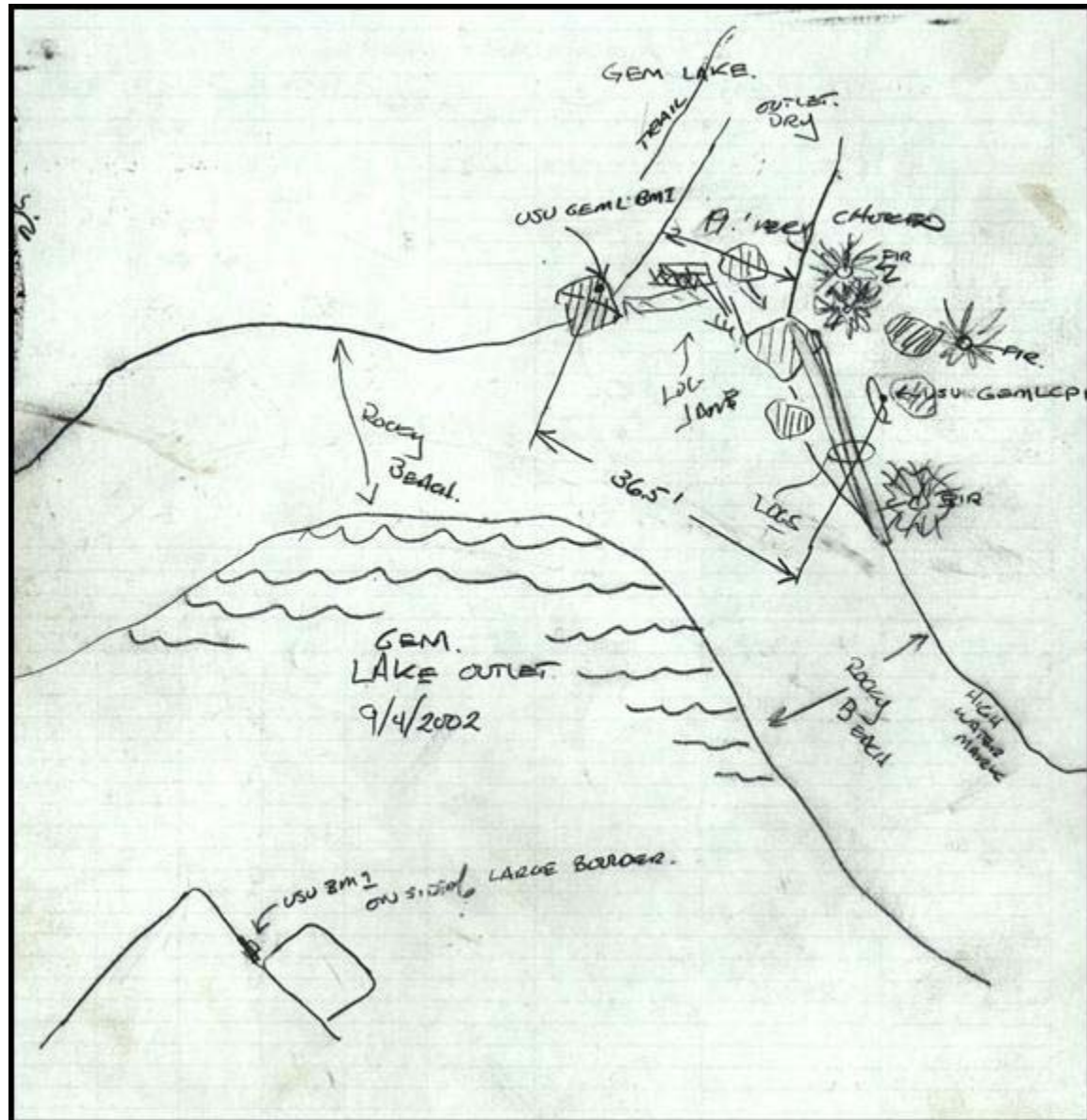
Lake and Pin name	Utm		
	Zone	X	Y
GEM BM1	11 T	535068	5020336
GEM CP1	11 T	535089	5020358



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Gem Lake 79-14073 Sketch Map



Hand Drawn

Not to Scale

Not Proportional



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Gem Lake

All Elevations Are Local and Relative to BM-1, Units are Feet

	Elevation
Bench Mark (BM-1)	100.00
Control Point (CP-1)	100.98



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BM-1, Aluminum benchmark drilled and driven into rock, then covered with soil, and rocks, to hide the marker. Use the top edge of center pin when shooting elevations.



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BM-1, general location , the aluminum marker has been covered by soil and rock.



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CP-1, Aluminum benchmark drilled and driven into rock, then covered with soil, and rocks, to hide the cap.



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CP-1, general location , the bench mark has been covered by soil and rock.



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CP-1 is behind the logs, right center. The outlet is at the left.