

# from Mountain Top

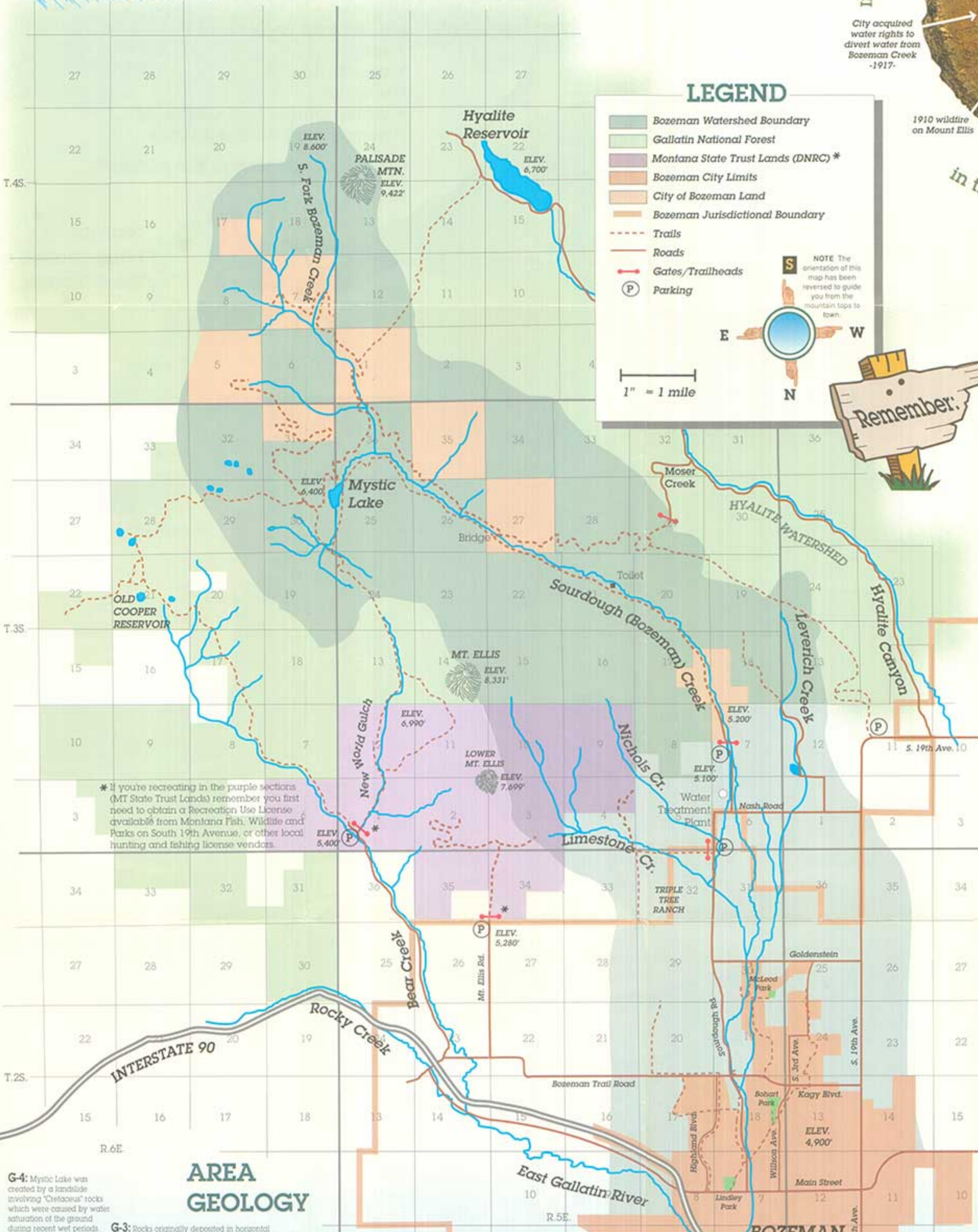
This brochure was created by the Bozeman Watershed Council—The Watershed Council is a diverse citizen's groups working with the aid of resource people from the city of Bozeman, Montana Department of Natural Resources and Conservation, and the U.S. Forest Service.

We have been working for seven years to create a vision and the tools to achieve a future of healthy and sustainable productivity in the Sourdough, Hyalite, and Cottonwood watersheds. By learning about and conserving our watersheds, we gain pride of place and peace of mind.

Our monthly meetings are on the third Friday and open to the public. For more information, please call 586-1203. For more information on the Sourdough Watershed: [www.bozeman.net](http://www.bozeman.net)

# to Town

## HISTORICAL RECORD



### LEGEND

- Bozeman Watershed Boundary
  - Gallatin National Forest
  - Montana State Trust Lands (DNRC) \*
  - Bozeman City Limits
  - City of Bozeman Land
  - Bozeman Jurisdictional Boundary
  - Trails
  - Roads
  - Gates/Trailheads
  - Parking
- NOTE: The orientation of this map has been reversed to guide you from the mountain tops to town.
- 1" = 1 mile



### To Keep Your Watershed Healthy:

This is a non-motorized area. Please follow the regulations set by agencies to ensure the well-being of the natural processes and to maximize the enjoyment and use of the area for all of us, for a long time.

**Be Wildlife-Wise**  
 This area at higher elevations is home for both grizzly and black bears. Never approach any wildlife. It is illegal for pets to harass wildlife, so keep yours under control or on a leash. Keep a clean camp, hang all food.

**Keep Campfires Small-If At All**  
 Use a lightweight campstove for cooking whenever possible. Avoid creating new fire rings. For campfire wood-gathering, use only dead wood.

**Drinking Water**  
 Even though streams here may appear clear and clean, carry plenty of your own drinking water, filter stream water through a water purification system, or boil 5 minutes.

**Don't Ride Trails When It's Wet**  
 Soft trails may become closed trails. Every time you take a step out of the trail you've created another path. Each footstep or bike tread catches water in the soft soil and erodes the fragile landscape; it is especially important to follow the trail at switchbacks. Use the common etiquette of walkers and cyclists, giving the right-of-way to horses. Stay to the right when visibility is poor, prepare to share your trail.

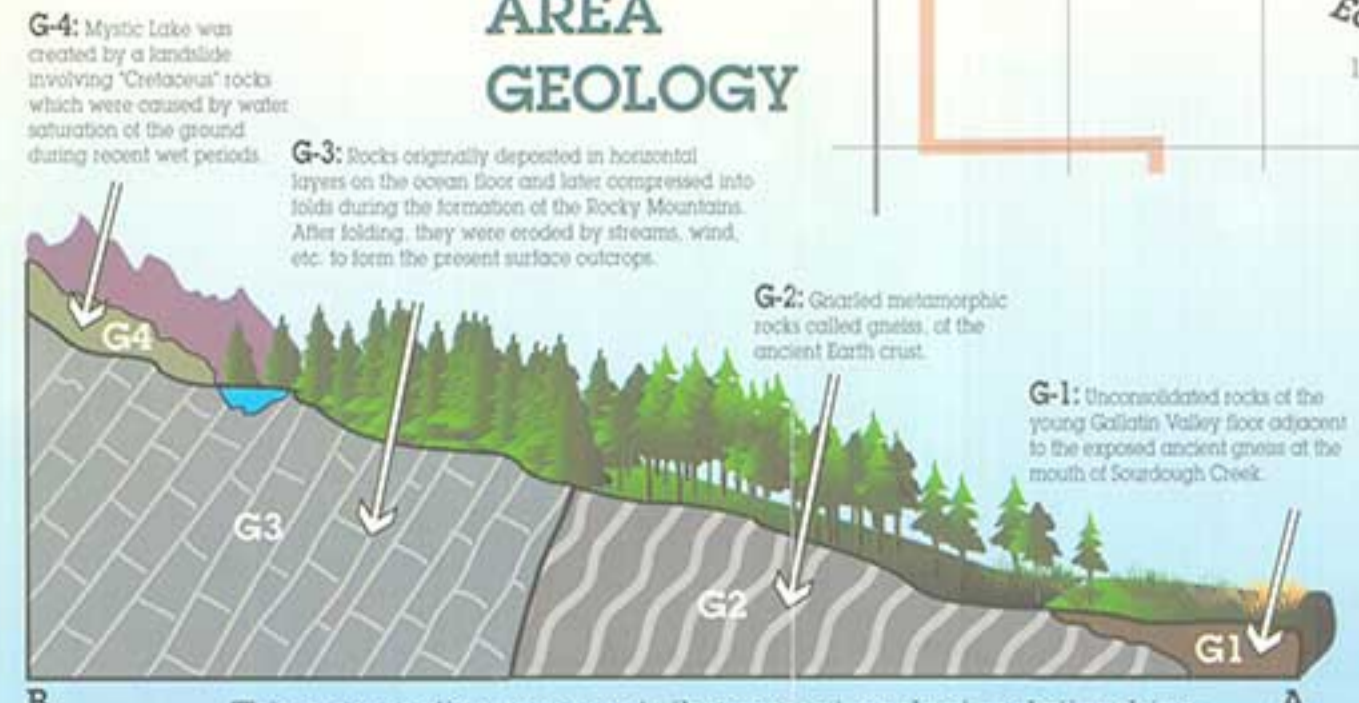
### Pack It In, Pack It Out!

## From MOUNTAIN TOP to TOWN

# MAP of the Sourdough Watershed

and adjoining areas south of BOZEMAN, MONTANA

### AREA GEOLOGY



**G-4:** Mystic Lake was created by a landslide involving "Cretaceous" rocks which were caused by water saturation of the ground during recent wet periods.

**G-3:** Rocks originally deposited in horizontal layers on the ocean floor and later compressed into folds during the formation of the Rocky Mountains. After folding, they were eroded by streams, wind, etc. to form the present surface outcrops.

**G-2:** Quarried metamorphic rocks called gneiss, of the ancient Earth crust.

**G-1:** Unconsolidated rocks of the young Gallatin Valley floor adjacent to the exposed ancient gneiss at the mouth of Sourdough Creek.

- CONTRIBUTING AGENCIES & ORGANIZATIONS**
- Bozeman Rotary
  - Bozeman School District
  - Bozeman Viewshed Council
  - Bridger Outdoor Science School
  - Citizens to Save Open Space for Bozeman
  - City of Bozeman
  - Color World Printers
  - Eagle Rock Reserve
  - Gallatin County
  - Gallatin Local Water Quality District
  - Gallatin National Forest
  - Gallatin Valley Land Trust
  - Greater Yellowstone Coalition
  - Media Works
  - Montana Department of Natural Resources & Conservation

- Edward Jones
  - Montana Fish, Wildlife & Parks
  - Northern Lights Trading Co.
  - Natural Resources Conservation Service
  - RY Timber
  - Schnee's Boot and Shoes
  - Sonoran Institute
  - Sunrise Rotary
- DESIGN/ILLUSTRATION BY MEDIA WORKS:**
- Mary Myers, Graphic Artist
  - Marcia Rueter Leritz, Graphic Artist
  - Martha A. Lonner, Production Manager



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