On June 27, five soil pits were dug by a backhoe and observed to determine the area's potential for an onsite septic system. This area is on a stream terrace approximately 30 feet in elevation above the Clark Fork. The parent material is gravelly outwash and very permeable.

The description of each pit is as follows:

1. 0-12" Dark brown loamy sand with 30% stone content.  
   12-30" Brown gravelly loamy sand with 50% stone content.  
   30-80" Tan sand and gravel.

2. 0-8" Dark brown loamy sand with 30% stone content.  
   8-20" Brown gravelly sand with 50% stone content.  
   20-96" Tan sand and gravel.

3. 0-14" Very dark brown loamy sand.  
   14-40" Brown sand with 10% stone content.  
   40-85" Tan sand with 10% stone content.  
   85"+ Tan sand and gravel.

4. 0-75" Tan sand and gravel (pit dug in old gravel source).  
   75"+ Tan silty clay material (did not dig beyond clay material).

5. 0-90"+ Tan sand and gravel (pit also in old gravel source).

All sites investigated will provide excellent drainage and showed no indications of water table.

Care in site location will be important so gravity can be used for all facilities proposed.

If there are other questions, please contact me.

Karen LaLonde-Hagen for Skip Barnard

SKIP BARNDT
Soil Scientist

cc: Barnard