

BULLETIN

News from *SubTerra, Inc.*®

Evaluation and Permitting for Quarry Site Wilkeson, Washington

*The quarry site is located two miles east of the town of Wilkeson, in Pierce County, Washington. Three separate mining possibilities had been identified at the site: moderate reserves of basalt, and of sand and gravel; and a limited reserve of architectural and dimensional sandstone (the Wilkeson Sandstone). The company leasing the potential quarry site asked **SubTerra, Inc.**, to help with the site evaluation and permitting process.*



SubTerra, Inc. contracted to perform a comprehensive geologic evaluation of the quarry property, begin the quarry permitting process, and prepare supporting documentation for an expanded State Environmental Policy Act (SEPA) checklist.

The geologic evaluation began with an extensive literature review of the area, followed by field reconnaissance, exploration pits and test borings.

Based on this investigation, **SubTerra** provided:

- An estimation of commodity reserves, for each of the three separate mining possibilities;
- Rock quality determinations for the basalt and sandstone;
- Potential size of mined rock;

- Identification of potential slope stability concerns, and different mitigative measures;
- Recommendations for stormwater detention and runoff.

Following completion of the geologic evaluation, **SubTerra** began the permitting process for the site. Preparation of the expanded SEPA checklist involved studies on likely traffic and noise impacts from the proposed quarrying operation, as well as a surface water management report and other specialized studies.