

BULLETIN

News from SubTerra, Inc.®

Blasting Issues at Cadman High Rock Quarry Snohomish County, Washington

The quarry is located just south of the city of Monroe in Snohomish County, Washington. Two separately owned, but adjacent land parcels comprise the 455-acre site. Quarrying is currently underway in the northeastern part of the site, with planned expansion into other areas.

*For help with blasting issues associated with the required Environmental Impact Statement, mine operators Cadman, Inc., turned to **SubTerra, Inc.***

SubTerra contracted to address issues in the Environmental Impact Statement (EIS) for both the current and proposed quarrying locations. These included:

1. Analysis of the storage facilities and procedure, type and use of explosive materials, and potential for accidental explosions.
2. Study of the impact of blasting operations on:
 - Nearby residents and their homes;
 - Wells, water supply systems;
 - Septic systems;
 - Agricultural livestock; Wildlife and fish;
 - Area recreation facilities.



3. Evaluation of potential differences in shock wave patterns that could occur as quarrying operations expand to different areas of the site.
4. Safety analysis of flyrock from proposed quarrying operations in higher elevations of the site. This involved assessment of potential risk areas and an outline of possible protective measures for homes in such areas.