

DAIGH COMPANY JOB STORIES #29a. Maryland Excavation Job Winter 2006

Basement excavation for commercial building in Maryland: Original plan was to blast. Difficulties with foundation shoring, created sensitive condition eliminating blasting as a viable option. Two 10,000 breakers worked on site for almost 6 months and got into extremely hard rock. Production slowed to two or three trucks a week. Holes Drilled: 2.5” Depth: 8ft –11ft. Rock excavation was substantially improved with the usage of Da-mite.



Da-mite was also used on the wall to excavate rock so that tiebacks could be placed.

John Henry drilled 2.5” holes Holes loaded on Fri afternoon

The “problem” rock to be removed. Grade needed to go down another 11 feet and two 10,000 lbs could not get anywhere.



Cracks in rock on Monday morning.



Rock was dug with an excavator and a mechanical hammer



Problem Rock Excavated. Note clean cut Da-mite used for tiebacks



Left:
Rock excavated in preparation for tiebacks. “Problem” Rock is gone.

Right: Another View of site.

