

**UNDERWATER EXCAVATION OF A GRANITE FORMATION  
D&B and SHAPED CHARGES TECHNIQUES**

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Job performed for IPC spa, year 2006/2007



Blast close new pier

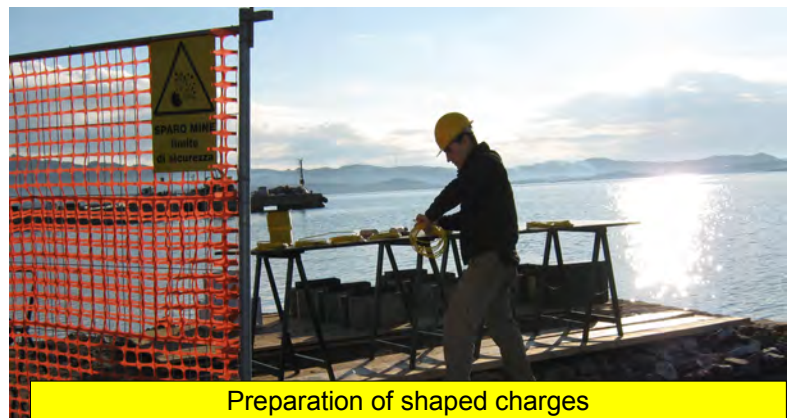
Underwater excavation of a granite formation for 4,000 m3 (5,230 cy) by shaped charges and explosives in blastholes. Project to host the G8 summit in La Maddalena Island – Old Arsenal.

Several precautions were taken to minimize vibrations and overpressure in water, among this an air bubble curtain.

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Seismic-acoustic monitoring station



Preparation of shaped charges