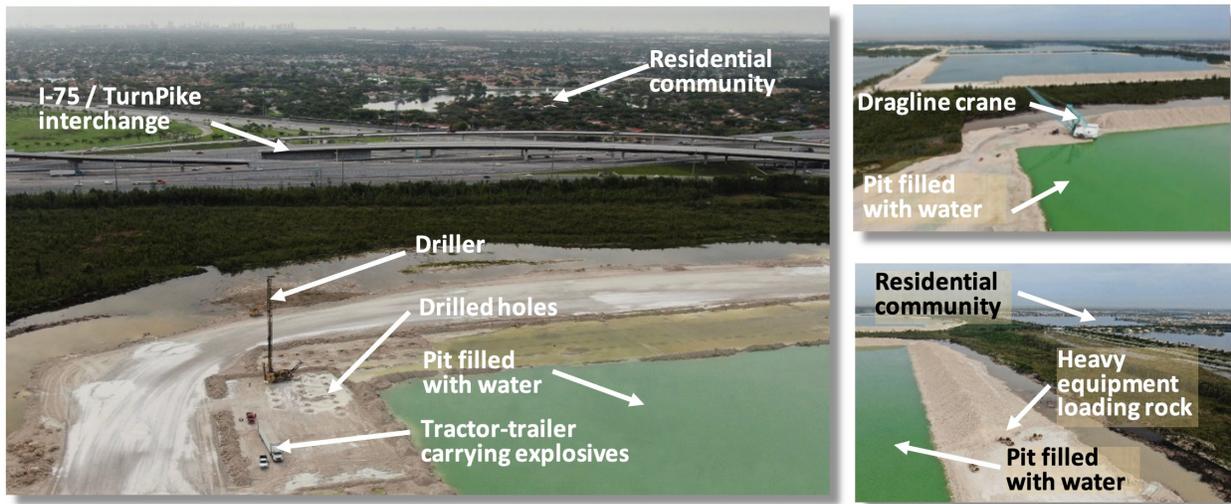


BLASTING ADVISORY BOARD

The rock-mining industry is essential for Florida's economy and we do not wish to see it terminated. However, the destruction of our properties cannot not be allowed to continue. With constant seismic activity resulting in millions of dollars in damages and repairs to homes and businesses and recent deadly incidents such as the collapse of the condominium tower in Surfside, many now live in fear for their lives in their own homes.



Limerock extraction in South Florida consists of drilling 84' into the earth and filling with explosives. Once the explosives are detonated, the limerock falls into the water pit. The broken limerock is then removed by a large dragline and brought to the surface. The water seen is part of the Biscayne Aquifer that makes up our area. It is known that water carries energy waves great distances. This is the reason why we are feeling the energy waves from the explosions that are destroying our properties.



The Florida Chief Financial Office/State Fire Marshal oversees the regulation of blasting within the State. They have established the legal limit in Florida of the energy wave generated by blasting as to 0.5in/sec Peak Particle Velocity (PPV) and air blast cannot exceed 133 decibels. However, if you feel the synthetic earthquake, **SO DOES YOUR HOME!** The State has created a website to file your complaint and monitor the blasts.

Recently, the State of Florida created the MiamiDade Pilot Program to acquire data of what we are experiencing. Every time you feel a blast, **PLEASE SUBMIT YOUR COMPLAINT!** The complaints are being collected as data, along with each blast information. The intent is to have the ability to create proper regulation to co-exist with the industry.



Complaint Form



MiamiDade Pilot Program



Additional Resources

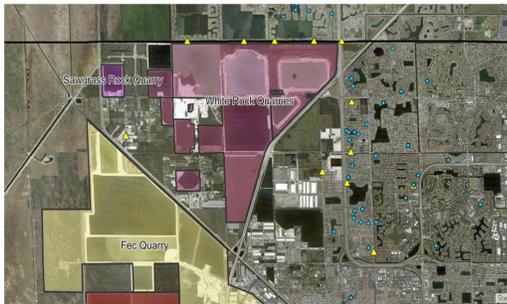
BLASTING ADVISORY BOARD

Seismic damage is specific. It can be seen in our homes and structures throughout the area. It does not matter the age.

Can you tell the difference between these two homes? One is 30 years old at the time of the photo, the other is 2 years of age.



Liquefaction is a known phenomenon when energy is introduced into saturated soils. Soil substantially loses strength and stiffness in response to an applied stress such as shaking during an earthquake or other sudden change in stress condition, in which material that is ordinarily a solid behaves like a liquid.



Results and data of the MiamiDade Pilot Program can be followed via its website. The complaints submitted are serving as statistical data. Complaints are being logged and from the amount complaints received, the State laid out a placement map of seismographs. These machines are placed throughout the County. There are currently 23 devices in operation. Yellow triangles are monitoring device locations and the blue dots are complaints received.



Complaint Form



MiamiDade Pilot Program



Additional Resources