



LEADERS IN QUALITY DURABLE GRANITE

ABOUT US


Kodiak Granite Quarry is a permitted quarry with a successful track record of on-time project completion. We are a dependable supplier of granite rock for projects of all sizes and durations. Formerly operated as Granite Cove Quarry, Kodiak Granite Quarry is part of the Koniag Family of Companies.

SIGNATURE PRODUCTS

- SUPER ARMOR STONE | 30+ TONS
- ARMOR STONE | 2-30 TONS
- RIP-RAP | UP TO 25 TONS
- CORE & FILTER ROCKS




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QUALITY

Kodiak Granite Quarry is a proven and reliable source of durable granite that meets USACE and DOT&PF marine construction specifications.




LOCATION

Located in Shakmanof Cove on Kodiak Island, the quarry is adjacent to an ice-free tidewater dock year-round . The infrastructure accomodates tugs & barges capable of moving product to your location.



RESERVES

Kodiak Granite Quarry is a long-term source of high-yield products, with a minimum estimated mine life of 100 years at 250,000 tons of product per year.



PROVEN

The quarry has a proven record of supplying many sucessful projects including the Homer Spit, Seward Breakwater, Chignik Dock, Kodiak Airport Extension, & Port Lions Dock.



LAB TEST SPECIFICATION SHEET

TEST DESCRIPTION TEST DESIGNATION NO.	AKDOT OR USACE SPECIFICATION*	TYPICAL RESULTS	MEETS STANDARDS
Absorption ASTM C127	USACE $\leq 2.5\%$ increase	Range 0.40%–1.54%	Meets USACE Specs
Bulk Specific Gravity/Density ASTM C127	USACE ≥ 2.650 BSSD (Relative/Unit Weight)	2.651 (unweathered material)	Meets AKDOT Specs Meets USACE Specs
Degradation ATM 313	AKDOT $\geq 45\%$ loss	Range 78–91%	Meets AKDOT Specs
Ethylene Glycol CRD-C 148–69	AKDOT $\leq 2.0\%$ breakage USACE $\leq 0.0\%$ breakage	Range 0.00–0.40%	Meets AKDOT Specs Meets Most USACE Specs
Freeze-Thaw (100 cycles) ASTM D 5312	USACE $\leq 10\%$ loss	$\leq 0.30\%$	Meets USACE Specs
LA Abrasion ASTM C131 (500 cycles)	AKDOT $\leq 45\text{--}50\%$ loss	Range 16.00–40.00%	Meets AKDOT Specs
LA Abrasion ASTM C535 (1000 cycles)	USACE $\leq 20\%$ loss	$\leq 20.00\%$ (unweathered material)	Meets USACE Specs
Sodium Sulfate Soundness ASTM C88	AKDOT $\leq 9\%$ loss USACE $\leq 5\%$ loss	Range 0.00–2.60%	Meets AKDOT Specs Meets USACE Specs
Wet-Dry (80 cycles) ASTM D 5313	USACE $\leq 10\%$ loss	$\leq 0.40\%$	Meets USACE Specs

Source: Robert Retherford, 2015, Granite Cove Quarry—Geological Testing and Investigation Report, Alaska Earth Sciences, Inc.; Carlson Testing, Inc., April 11, 2016, “Jetty Stone Qualification Test Series, Granite Cove Quarry—2016 Lab Testing, Anchorage, AK.”

*Specifications given are typical of AKDOT and USACE projects but may be adjusted for specific projects.