

February 16, 2005 W.O. A31005

John Smithson Nuggett Construction 8726 Corbin Dr. Anchorage, Alaska 99507

Project: Sand Point

Dear Mr. Smithson:

Alaska Testlab has completed the testing you requested as follows: AASHTO T104 "Soundness of Aggregates by use of Sodium Sulfate or Magnesium Sulfate," ASTM C131 "Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine," ATM T-13 "The Degradation Value of Aggregates," ASTM C127 "Specific Gravity and Absorption of Coarse Aggregate," and CRD-C 148-69 "Method of Testing Stone For Expansive Breakdown On Soaking In Ethylene Glycol." The results are listed in the table below.

Client Sample I.D.	ATL Lab#.	Date Received	Test Method	Results
Knoll Quarry	157	01/27/05	AASHTO-T104 (Sodium Sulfate)	Fine Aggregate = 8.5% Coarse Aggregate = 3.9%
"	"	"	ASTM C131 (L.A. Abrasion)	Loss = 20%
"	"	"	ATM T-13 (Degradation)	Degradation Value = 69
66	"	"	ASTM C127 Specific Gravity of Coarse Aggregate	Bulk Specific Gravity = 2.720 Bulk Specific Gravity(SSD) = 2.756 Apparent Specific Gravity = 2.820 Absorption = 1.3%
"	"	"	CRD-C 148-69 Ethylene Glycol	Loss = 0.7%

All test results will be posted to the ATL website for your access. If you have any questions regarding this report or if we can be of further service please call.

Sincerely,

ALASKA TESTLAB

David L. Andersen, P.E.

General Manager