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STATE OF ALASKA Department of Transportation & Public Facilities Statewide Materials

5750 EAST TUDOR RD, ANCHORAGE AK 99507
Phone (907)-269-6200 FAX (907) 269-6201

Laboratory Report

QUALITY

PROJECT NAME: Sand Point Airport Runway Rehab. PROJECT NO. 3-02-0253-08 / 54455

SAMPLE OF: Shot Rock ITEM/SPECIFICATION NO.: P-185,209,401

LABORATORY NO. 03A-1047

FIELD NO.: Q-1

SAMPLED FROM: Quarry Stockpile

DATE SAMPLED: 06/24/2003

SOURCE/SUPPLIER: Knoll Quarry on Rd. to Apt. QUANTITY REPRESENTED Source

DATE RECEIVED: 06/25/2003

LOCATION/ADDRESS: Sand Point AK SUBMITTED BY: R. Johnson

DATE COMPLETED: 07/07/2003

EXAMINED FOR: Quality

DATE REPORTED: 07/07/2003

SAMPLE PREPARATION BY: ASTM D421 & C 702

Sieve Analysis

SIEVE	Lab	Specs.
4"		
3"		
2"		
1 1/2"		
1"		
3/4"		
1/2"		
3/8"		
1/4"		
#4		
#8		
#10		
#16		
#30		
#40		
#50		
#80		
#100		
#200		
.02mm		
.002mm		

% Fracture	Lab	Specs
Single Face		
Double Face		
Flat Elongated, 3:1		
5:1		
Uncompacted Voids of FA		

Dry Unt. Wt., pcf

ASTM C 127

ASTM C 88

ASTM C 535

ATM T-13

Coarse	Specs	Fine	Specs
Specific Gravity, Bulk	2.73		
Specific Gravity, SSD	2.76		
Specific Gravity, App.	2.82		
% Absorption	1.2		
Lightweight Part., %			
Friable Particles, %			
Sulfate Sound, % Loss	1		
L.A. Abrasion, % Loss	35		
% Loss @ 200 revs	8		
Nordic Abrasion			
Degradation	61		
Sticks & Roots, %			
Sand Equivalent			
% Organic			

MORTAR MAKING PROPERTIES OF SAND

Organic Impurities [] Less [] More than 500 PPM

Compressive Strength, psi (if More than....)

Control Sample Ratio Spec.

7 Day

28 Day

Fineness Modulus

LL

PL ASTM D 4318

PI

Remarks:

When Processed to conform to grading requirements, this material is satisfactory for:
Armour Stone, Underlayer Stone, Base Course, ACP Aggregate

The Material as Submitted Conforms to Specifications

Yes [] No [] NA [X]

THE TEST RESULTS ARE ONLY REPRESENTATIVE OF THE MATERIAL AS SUBMITTED.

Signature

Robert F. Lewis, PE

State Quality Assurance Engineer