25-229K 9-97

STATE OF ALASKA

Department of Transportation & Public Facilities Central Materials Lab

5750 BAST TUDOR RD. ANCHORAGE AK 99507 Phone (907)-269-6200 FAX (907) 269-6201 Laboratory Report

INFORMATION

PROJECT NO. ATP 3-02-0253-0904 / 57797 PROJECT NAME: Sand Point Airport Runway Ext. LABORATORY NO. 05A-0117 SAMPLE OF: Primary Armor Stone TTEM/SPECIFICATION NO .: P-185a PIELD NO .: I-AS-Q-1 SAMPLED FROM: Recovered Primary Armor Stone (Existing) DATE SAMPLED: 01/20/2005 SOURCE/SUPPLIER: Excisting / Rholl Quarry QUANTITY REPRESENTED SOurce DATE RECEIVED: 01/26/2005 LOCATION/ADDRESS: Sand Point AK SUBMITTED BY: J. BOWERS DATE COMPLETED: 02/14/2005 EXAMINED POR: Quality Tests DATE REPORTED: 02/14/2005

Olara Basiraia		*
Sieve Analysis		† Fracture Lab Specs
STEVE Lab Specs.		
		Single Face Unutile Face
		LIGHT HERE
4 "		Flat Elongated, 3:1
2"		Uncompacted Voids of FA
2:17/20		
1"		Dry Thi. At 1965 Oct 100
3/47		Coarse Specs Fine Specs
1/2"		Specific Gravity, Bulk 2.71
3/8		Spendic Gravity ST 11 12:75 (2:65 min) 1 1 1 1
1/4"		Specific Gravity, App. 2.81
Re .	ASTM C 127	* Please to the College Control of the College Control of the College Control of the College C
#8		Lightweight Part., \$
SUPPRINCE SERVICE		Priable Sections 3: March 1882
#16	ASTM C 88	Sulfate Sound, 1 Loss 7 5 max
638 #30 8388 St. Britistania	ASTM C 131	L. A. Area Bridge 3, 1780a (d. 22) 50 mms
#40		% Loss @ 100 xevs 7 10 max
#5Q		Number Attraction
#80	ATM 313	Degradation 58 40 min
#200 ×		Stricks & Roots, 36
		Sand Equivalent
#200 220ms ************************************		Sand Equivalent
-002mm		*
1002		MORIAR MAKING PROPERTIES OF SAND
Fineness Modulus		Organic Impurities []Less []Moore than 500 PPM
LANGEROU PARALLES		Compressive Strength, psi (if More than)
11.		Control Sample Ratio Spec.
		T Coy
PI		28 Day

Remarks: Expansive Breakdown by Ethylene Glycol CRD-C. 148-69

(32.5%)

Specs. 2 max

When Processed to conform to grading requirements, this material is satisfactory for:

The Material as Submitted Conforms to Specifications Yes[] No () NA[] THE TEST RESULTS ARE ONLY REPRESENTATIVE OF THE MATERIAL AS SUBMITTED.

Signature

DRAFT

Regional Materials Engineer