



State of Minnesota Department of Transportation

Aggregates Test Report

Office of Materials and Road Research

1400 Gervais Avenue

Maplewood, MN 55109

Sample ID Number: CO-PS11-0017

Project Number: For Info Only

Field ID: DH 64B
Date Sampled: 10/04/2010
Date Received: 12/09/2010
Approved: 3/9/2011 14:22
TH Number:
Depth: 0.00 to 14.00
Grade Spec:
Spec Class:
Quality Spec:
Plant Name:
Comment:

Billing Agency:
Project Engineer: D. MARTIN
Submitter: DNR - S. KOSTKA
IAS Name:
Legal: NE1/4 NW1/4 Sec 01 - 046 - 25
Pit Name:
Pit Owner:
Sampled From: DRILL HOLE
Usage: DNR PROSPECTING

Test Procedures: AASHTO T-19, T-21, T-27(M), T-30(M), T-84(M), T-85(M), T-96(M), T-104(M), T-113(M), T-176(M), T-248(M), T-304 Method A, ASTM C123, ASTM C535, ASTM D3042, ASTM D4791(M), Micro Deval(MP), Percent Crushing(MP) M = MN/DOT Modified MP = MN/DOT Procedures

% Passing Sieve:	Lab Test	Field Test	Spec. Limits	
			Low	High
75mm (3")	100			
63mm (2 1/2")	100			
50mm (2")	96			
37.5mm (1 1/2")	93			
31.5mm (1 1/4")	92			
25.0mm (1")	88			
19.0mm (3/4")	82			
16.0mm (5/8")	79			
12.5mm (1/2")	75			
9.5mm (3/8")	72			
4.75mm (#4)	63			
2.36mm (#8)	57			
2.00mm (#10)	56			
1.18mm (#16)	52			
600um (#30)	48			
425um (#40)	45			
300um (#50)	39			
150um (#100)	19			
75um (#200)	10.4			

% Shale in Sand	0.1
% Sandstone	0.8
% Spall Argillite	0.6
% Carbonate	0.1
% Iron Oxide	0.40
% Unsound Chert	0.05
% Schist	0.36
% Misc. Spall	0.80
% TotalSpallSpall	0.7
% BA Spall +4	1.8

* Value does not meet Spec
~ Value out of Field Lab Tolerance
*** Trace (0.00 - 0.05) Detected
% Shale in Sand N.C. = Trace

☐ Meets Requirements
☐ Does Not Meet Requirements
☒ For Info Only
☐ Incentive/Disincentive

☐ Unable to Verify
☐ Unable to Verify, Not Enough Material Supplied
☐ Within Lab-Field Tolerance
☐ Out of Lab-Field Tolerance

Comments:



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% Passing
Sieve:

Lab
Test

Field
Test

Spec. Limits
Low High

Copies To
S. KOSTKA - DNR

Charge: 1 - 1012
1 - 1013
1 - 1014
1 - 1029

Report Approved By: