



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-PS12-0040

Project Number: For Info Only

Field ID: 267
Date Sampled:
Date Received: 12/10/2012
Approved: 12/24/2012 10:13
TH Number:
Depth:
Grade Spec:
Spec Class:
Quality Spec:
Plant Name:
Comment: 49-23-11

Billing Agency:
Project Engineer: D. MARTIN
Submitter: C. JENNINGS
IAS Name:
Pit #:
Pit Name:
Pit Owner:
Sampled From: GRAB AITKIN CO.
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

Table with 4 columns: % Passing Sieve, Lab Test, Field Test, Spec. Limits (Low, High). Rows include sieve sizes from 200mm (8") down to 75um (#200).

Table with 2 columns: Material Name, Value. Rows include % Shale in Sand (0.1), % Iron Oxide (0.02), % Unsound Chert (0.03), % Spall Argillite (0.4), % Misc. Spall (0.09), % Carbonate (0.5), % NonSpall Argillite (0.5), % TotalSamplSpall (0.3), % BA Spall +4 (0.6).

- * 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
DNR - H.ARENDS

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

Report Approved By:
David B. Bahr