



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-PS11-0015

Project Number: For Info Only

Field ID: DH 46
Date Sampled: 09/28/2010
Date Received: 12/09/2010
Approved: 2/25/2011 15:25
TH Number:
Depth: 2.00 to 18.00
Grade Spec:
Spec Class:
Quality Spec:
Plant Name:
Comment: COMPOSITE 4 BOREHOLES

Billing Agency:
Project Engineer: D. MARTIN
Submitter: DNR - S. KOSTKA
IAS Name:
Legal: NE1/4 NE1/4 Sec 04 - 044 - 24
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

Table with 4 columns: % Passing Sieve, Lab Test, Field Test, Spec. Limits (Low, High). Lists sieve sizes from 50mm down to 75um and corresponding test results.

Table with 2 columns: Material Name, Value. Includes % Shale in Sand, % Spall Argillite, % Carbonate, % Iron Oxide, % Unsound Chert, % Schist, % Total Spall, % BA Spall +4.

* 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:
AITKIN CO.

Copies To
DNR - S. KOSTKA

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

Report Approved By:
David B. Baker