



# 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-PS12-0019**

**Project Number: For Info Only**

Field ID: 283  
Date Sampled:  
Date Received: 11/08/2012  
**Approved:** 12/7/2012 15:19  
TH Number:  
Depth: 0.00 to 12.00  
Grade Spec:  
Spec Class:  
Quality Spec:  
Plant Name:  
Comment: HILL LAKE TWP 536 T52 R26 S36

Billing Agency:  
Project Engineer: D. MARTIN  
Submitter: C.JENNINGS  
IAS Name:  
Pit #:  
Pit Name:  
Pit Owner:  
Sampled From: DRILL HOLE  
Usage: AITKIN CO 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
25.0mm (1")	100			
19.0mm (3/4")	100			
12.5mm (1/2")	99			
9.5mm (3/8")	97			
4.75mm (#4)	94			
2.36mm (#8)	89			
2.00mm (#10)	87			
1.18mm (#16)	77			
600um (#30)	51			
425um (#40)	33			
300um (#50)	21			
150um (#100)	8			
75um (#200)	6.1			

% Shale in Sand \*\*\*0.0

\* 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:  
INSUFFICIENT COARSE AGGREGATE PRESENT TO PERFORM LITHOLOGICAL EXAM.

**Copies To**

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

Report Approved By:

*David B. Bahr*