

**SOURCE APPROVAL OF COARSE AGGREGATE
FOR PCC, CRUSHED STONE**

PART I: (PRODUCER REQUEST)

Producer: Pattison Sand Company Source Name: Frenchtown Quarry
Location: - Sec 07&18 Twp 93 Rng 2W County: Clayton
Durability Class Requested: 3i Bed Nos.: O1A
By: Kyle Pattison Date: 14 April 2017

PART II: (DISTRICT RECOMMENDATIONS)


Geologic Section: Schnoebelen Preliminary Section Date: 9-29-16

It is recommended that properly inspected aggregate complying with applicable specifications be accepted under
the following use and production limitations:


A: Concrete Durability Class 3i

B: Production Ledge: O1A

C: Geologic Section: Schnoebelen Preliminary Section 9-29-16

Approved By DME: **Keith E. Norris**  Digitally signed by Keith E. Norris
DN: cn=Keith E. Norris, o=Iowa
Department of Transportation,
ou=District 2,
email=keith.norris@dot.iowa.gov, c=US
Date: 2017.04.14 09:30:56 -05'00' Date: 14 April 2017

PART III: (CENTRAL OFFICE DETERMINATION)

Preliminary Approval: **Brian D. Gossman**  Digitally signed by Brian D. Gossman
DN: cn=Brian D. Gossman, o=Iowa
Department of Transportation, ou=Office of
Construction and Materials,
email=brian.gossman@dot.iowa.gov, c=US
Date: 2017.04.14 10:00:00 -05'00' Date: 14 April 2017

Final Approval: _____ Date: _____

Beds: 01A Durability Class: 3i T203 Code No.: A 22090

**DATA SHEET
 (QUARRIES)**

1. TEST RESULTS:

Lab Number	Bed(s)	Al ₂ O ₃	Pore Index	Quality #	A Frz	Abr	SpG	Abs
AAC17-0017	01A	0.28	14	0.41	-	29	2.743	0.96
AAC17-0037	01A	0.37	16	0.45	1	34	2.703	1.37

2. SERVICE RECORD:

Project Number	Year	County	Rte	MP	Condition

3. SIMILAR SOURCES:

4. OTHER TESTS:

Lab. No.	XRF-XRD Qual.	Pore Qual.	TGA Qual.	Alumina Qual.	Overall Qual.	MgO Influence
AAC17-0017	0.46	0.70	0.00	1.10	0.41	0.21
AAC17-0017	0.51	0.80	0.00	1.75	0.45	0.26