



**TEXAS DEPARTMENT OF TRANSPORTATION
DELETERIOUS MATERIALS
Tex-413-A**

To: Gulf States Materials, Inc.
555 Sens Road
La Porte, Texas 77575-1425
Attn: Don Brandon P.E.

Date: 10/20/2012
Report No.: 12-C-0452-0003 page 1 of 1
Project: Item 247 Material Acceptance Testing

SAMPLE ID:	12-175	SAMPLED DATE:	10/09/2012
TEST NUMBER:	1	LETTING DATE:	N/A
SAMPLE STATUS:	COMPLETE	CONTROLLING CSJ:	N/A
COUNTY:	Harris	SPEC YEAR:	2004
SAMPLED BY:	Jason Lay	SPEC ITEM:	247
SAMPLE LOCATION:	Gulf States Materials, Inc	SPECIAL PROVISION:	247-033
MATERIAL CODE:	N/A	GRADE:	N/A
MATERIAL NAME:	Calcium Sulfate Base Material (GS-100)		
PRODUCER:	Gulf States Materials, Inc		
AREA ENGINEER:	N/A	PROJECT MANAGER:	N/A

COURSE/LIFT:	N/A	STATION:	N/A	DIST. FROM CL:	N/A
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**DELETERIOUS MATERIAL
Tex-413-A**

Optional Test Method ASTM C142 used: No

Sieve Size	Total Weight of Sample (g)	Deleterious Material											
		Clay		Shale		Friable		Other		Total			
		(g)	%	(g)	%	(g)	%	(g)	%	(g)	%		
+No.4	4120.3	0	0	0	0	0	0	0	0	0	0	0.0	0

Percent Deleterious Material Retained on the Sieve, %: **0.0**

Remarks:


Certification: TxDOT Quality Assurance Program
Maximum Deleterious Material= 1.5%

Test Method: TX413 Tested By: Ronnie Isbel Tested Date: 10/20/12

Test Stamp Code: _____ Omit Test Completed Date: _____ Reviewed By: _____

Locked By: _____ TxDOT: _____ District: _____ Area: _____

Authorized By: _____ Authorized Date: _____

HTS, Inc. Consultants 
[Signature]
Firm Reg. No. F-3478