



3989 Highway 290 East
 Dripping Springs, Texas 78620
 512-858-2993

Client: Great Lakes Minerals
 Attn: Georgia Eusner

Report No: 45608-A2
 Date: 9/19/2025

Report of: Bulk Specific Gravity & Absorption, LA Abrasion, Sand Equivalent, Moisture Content, Magnesium & Sodium Sulfate Soundness, Polish Stone Value, Fine Aggregate Angularity, Acid Insoluble Residue, Micro-Deval Abrasion & Mohs Hardness Scale
 Test Method: AASHTO T 84, AASHTO T 96, AASHTO T 176, AASHTO T 255, AASHTO T 104, AASHTO T 279, AASHTO T 304, ASTM D3042 & ASTM D7428

Sample ID: NP
 Sampled By: Client
 Sample Location: NP
 Producer: Great Lakes Minerals
 Material Description: GRIPgrain RA Calcined Bauxite

Lab No: 251546-7
 Production/ Sampled Date: NP
 Project No: NP
 Received Date: 8/18/2025
 Test Performed By: Nick Dever, CET

Results:

Test	Test Method	Result	Requirement	
Bulk Specific Gravity:	AASHTO T 84	3.46	Report	
SSD Specific Gravity:		3.50		
Apparent Specific Gravity:		3.60		
Absorption, %:		1.1		
Sand Equivalent:	AASHTO T 176	100	95 Min	
Moisture Content, %:	AASHTO T 255	0.00	0.2% Max	
Magnesium Sulfate Soundness, %:	AASHTO T 104	8	30% Max	
Sodium Sulfate Soundness, %:	AASHTO T 104	5		
British Pendulum No. - Polish Value (Before Polishing):	AASHTO T 279	Main Scale	"F" Scale	
- Polish Value (After 10 Hrs Polishing):		64	106	
		52	87	38 Min
Fine Aggregate Angularity- Method C (As Received),%:	AASHTO T 304	48.3	45% Min	
Acid Insoluble Residue,%:	ASTM D3042	99	90% Min	
Micro-Deval Abrasion,%:	ASTM D7428	2.7	3% Max	
Mohs Hardness:	NA	8	7 Min	

Reviewed by: _____
 Atlas Technical Consultants LLC
 Firm Registration No. F-19813

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