



FACULTAD DE INGENIERÍA CIVIL

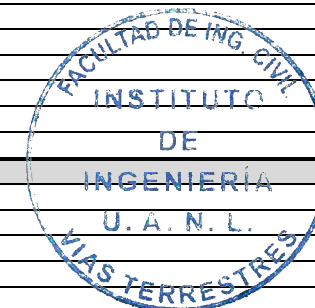
CHECKLIST FOR BALLAST SUPPLY

Notas:

1. Indicate the classification of the ballast according to CP specifications and the size of the aggregate for which the test results are being submitted. Please use a separate table for each ballast rating and aggregate size.
2. Indicate the applicable tests listed in column 1 and complete columns 2 to 5 as appropriate.
3. Indicate "Not applicable" if the test is not necessary and provide an explanation in column 5.
4. Standard test methods shall conform to CP specifications.

Specification Document: Canadian Pacific Railway, Specifications for Ballast Supply.

Ballast Supplier/Source:		TRICABA DE SABINAS		
Test Laboratory:		VIAS TERRESTRES, IIC, UANL		
Ballast classification according to CP:		-		
Aggregate Size (inches):		1 1/2"		
Test (1)	Attached results (2)	Meets CP Specifications (3)	Does not comply with CP Specifications (4)	Comments (5)
Gradación				
Analysis by Sieve	-	-	-	-
Materials thinner than No. 200	0%	YES	-	-
Physical Testing				
Apparent Specific Severity	2.909	YES	-	-
Fractured Particles	100%	YES	-	-
Lumps of Clay and Friable Particles	0.3	YES	-	-
Flat and Elongated Particles	1.4	YES	-	-
Loss of Solidity by Magnesium	0.2	YES	-	-
Absorption	1.5%	NO	-	-
LA Abrasion	14.3%	YES	-	-
Mill Absorption	N/A	N/A	-	-
Micro-Deval Abrasion	6.0%	YES	-	-
Abrasion Number (AN)	33.1%	YES	-	-
Chemical Testing				
Total Sulfur	-	-	-	-
pH of the Paste	-	-	-	-
Acid-Base Accounting (ABA)	-	-	-	-
Total Metal Content	-	-	-	-
Petrographic Analysis	-	-	-	-



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