



Converse Consultants

Over 40 Years of Dedication in Geotechnical Engineering and Environmental Services



Mr. & Mrs. B. Boyd Jr.
PO Box 137
Tonopah, NV 89049-0137

AUGUST 21, 2000

RECEIVED

Mr. Lee Wong

MAY 05 2004

00-23-628-01

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Re: Aggregate Test Results
Tonopah

PostNet Fax No.	7671	CBS	PPG
To:	Brian Boyd	From:	[REDACTED]
CC/DCC:		Co.	[REDACTED]
Phone #		Phone #	[REDACTED]
FAX #		FAX #	[REDACTED]

Dear Sir:

This report presents the test results on samples submitted to this laboratory on August 11, 2000. The samples consisted of two five-gallon buckets (labeled #1 and #2) of cobble-sized rock specimens reportedly collected from near Tonopah, Nevada. A visual examination indicated the rock samples consisted of basalt. We combined the two buckets and crushed the material to one inch minus and conducted a Los Angeles Abrasion, Sodium Sulfate Soundness Loss and specific gravity and absorption on the coarse aggregate fraction. The purpose of the testing was to determine if the material would meet some of the tests required for a typical concrete aggregate per ASTM C 33. The results of the tests are as follows:

Los Angeles Rattler (ASTM C 131 - Grading B)	14.5% Loss
Sodium sulfate soundness (ASTM C 88)	1.0% Loss
Specific Gravity	
Bulk Specific Gravity	2.55
Bulk Specific Gravity (SSD)	2.59
Apparent Specific Gravity	2.54
	1.39%
Absorption	

Both the Los Angeles Rattler and the Sodium Sulfate Soundness losses are less than the maximum allowed for coarse aggregate in concrete per ASTM C 33.

We hope this provides the information required at this time. If you have any questions please call.

Sincerely,

Converse Consultants

Brian P. Bryan, P.E.
Senior Project Manager

Mr. Boyd is interested in supplying sand, gravel, basalt, and water for the construction of the 21

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Woody
Brown