

## NOTES ON GLASS SAND DEPOSIT, SYBILLE CANYON

## ALBANY COUNTY

LOCATION

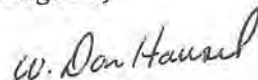
The sand occurs in secs. 1, T. 19 N., R. 73 W; and in sec. 36, T. 20 N., R. 73 W; immediately north of Albany County Road No. 12.

DESCRIPTION

Several thousand minable tons of cross-bedded siliceous friable sandstone outcrop as part of the Pennsylvanian Casper Formation on the western flank of the Laramie Range. This sandstone is composed of fine-grained rounded quartz grains cemented with calcium carbonate. Impurities consist of less than 1% of the rock and occur as minor orthoclase and mafic grains.

The close proximity of this sand to the anorthosite complex could make it an attractive target for the glass manufacturing industry. The Union Pacific railroad passing through Laramie, and large reserves of coal at Hanna, and trona in the Green River Basin of southwestern Wyoming, should make this sand additionally attractive for glass production.

Signed,



W. Dan Hausel  
Staff Geologist  
5/14/81

# WYOMING ANALYTICAL LABORATORIES, INC.

Box 638 → 605 South Adams

(307) 742-7996

LARAMIE, WYOMING 82070

Mike Bintner  
1515 Park Ave.  
Laramie, WY 82070

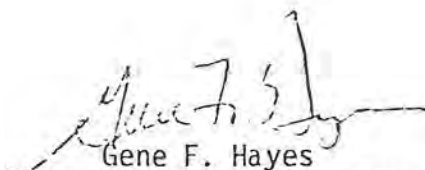
Request No. 951-012  
Date: 29 October 1981

## REPORT OF ANALYSIS

Sample ID	Sample #1
Lab No.	7368

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Calcium	%	3.70
Magnesium	%	1.04
Potassium	%	0.16
Sodium	%	0.68
SiO <sub>2</sub>	%	82.5
Loss on Ignition	%	8.40

  
Gene F. Hayes  
Laboratory Director

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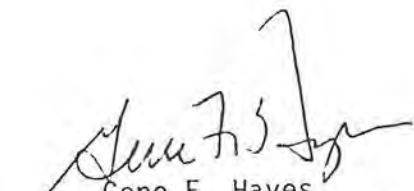
LARAMIE, WYOMING 82070

Mike Bintner  
MKB Corp.  
1515 Park  
Laramie, WY 82070

Request No. 1077-012  
Date: 9 March 1982

## REPORT OF ANALYSIS

Customer ID	--
Lab No.	8294
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Silica	% 82.24
Calcium Carbonate	% 8.67

  
Gene F. Hayes  
Laboratory Director