



NATURAL RESOURCES RESEARCH INSTITUTE

P. O. BOX 3038, UNIVERSITY STATION

LARAMIE, WYOMING

Mr. B. T. Sheldon
Field Director of Industrial Development
Wyoming Natural Resource Board
210 West 23rd Street
Cheyenne, Wyoming 82001

Re Sample 4031

Dear Burt:

It has taken a lot of cross checking but I feel that the attached is a good analysis of the glass sand that Dr. Wilson and John Goodier sampled during April near Como Bluff. This is referred to in your letter of April 19 to Dr. Wilson.

The physical appearance of the sand would lead me to believe that it has a fundamental grain size considerably smaller than that desired by the trade but we have done nothing to determine this.

Sincerely,

NATURAL RESOURCES RESEARCH INSTITUTE

Walter E. Duncan
Associate Director

WED/pn

Enclosures



THE UNIVERSITY OF WYOMING
COLLEGE OF ENGINEERING



MR 67-1



NATURAL RESOURCES RESEARCH INSTITUTE

P. O. BOX 3038, UNIVERSITY STATION

LARAMIE, WYOMING

May 14, 1968

Mr. B. T. Sheldon
Chief of Industrial Development
Wyoming Natural Resource Board
210 West 23rd Street
Cheyenne, Wyoming 82001

Re: Como Sand

Dear Burt:

During the meeting here in Laramie on February 28th we all agreed that there should be a preliminary map made of the Como Bluff outcrop area. On May 1 four of us spent the day in the area gathering data for this and incidentally collecting some new samples of the sand since the samples collected by John Goodier and Bill Wilson in April of 1967 had been discarded.

Attached you will find the analyses on the two dune sand samples available to us at this time and the three new Como samples. These last are now being used in some washing studies to demonstrate the behavior of the iron and determine the extent to which low-iron sand can be produced from this area. The work is being charged against the outstanding balance of the Board's credit with us, and will be reported as results are available.

Sincerely,

NATURAL RESOURCES RESEARCH INSTITUTE

Walter E. Duncan
Associate Director

WED:eh

Enc,

cc: Richard Chojnacki

Dr. Wm. H. Wilson ✓

THE UNIVERSITY OF WYOMING
COLLEGE OF ENGINEERING
NATURAL RESOURCES RESEARCH INSTITUTE
REPORT OF ANALYSIS OR TEST
LARAMIE, WYOMING

Sample No. 4131 Date May 9, 1968
Lab. No. 19369 - 19373 Material Sand
Submitted by Resource Board Date Rec'd May 3, 1968
Address _____ Analyzed for SiO₂ & Fe

		% SiO ₂	% Fe		
19369					
Rawlins Dune Sand		83.2	0.22		
19370					
Rock Springs Dune Sand		75.8	0.91		
19371					
Como First 680501 Northerly		94.3	0.18		
19372					
Como Second Cut Southerly N East of Road		97.3	0.22		
19373					
Como Third West of Road		95.1	0.17		

Analyzed by Kuntz - Lorson Analysis Completed May 9, 19 68

Signed Howard Lorson Analysis Reported May 9, 19 68

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Signed Howard Lorson Analysis Reported May 9, 19 68

Laramie, Wyo., June 20, 1967

Dr. William H. Wilson

Asst. State Geologist

Campus

DEBTOR TO

NATURAL RESOURCES RESEARCH INSTITUTE

THE UNIVERSITY OF WYOMING

Sample # 4031

Sample Preparation

Iron

Silica

Alumina

Lime

Magnesia

Ignition

2 00

3 00

5 00

5 00

3 50

5 00

1 00

Total

24 50

This amount has been credited to your
Equipment Account.

This leaves a balance of \$361.12

Please return copy of billing with payment.