

MR69-3

WYOMING *Natural Resources* BOARD

210 WEST 23rd STREET

CHEYENNE, WYOMING 82001

PH. 777-7285 — AREA CODE 307

February 10, 1969

Dr. Walter Duncan  
Natural Resources Research Institute  
P.O. Box 3038  
University Station  
Laramie, Wyoming 82070

Dear Walt:

I am sending you a copy of a memo to Roy which gives the legal description of these sample locations as best Chapman and I could locate them in the field.

Sincerely yours,

*John T. Goodier*  
John T. Goodier  
Assistant Chief of  
Water Resources

JTG/lr

Encl.

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M E M O R A N D U M

TO: Roy Peck, Executive Director

FROM: ~~JG~~ John T. Goodier

SUBJECT: Glendo Glass Sand

DATE: July 12, 1968

Mr. Chapman and I collected five samples of sand from various outcrops in the Glendo area on July 10, 1968. This sampling was done in connection with some mineral leases owned by Mr. F. S. Saum.

- Sample #1 SW 1/4, SW 1/4, Section 34, T. 29 N., R. 69 W.  
Gray very fine massive sandstone approximately 80 feet.
- Sample #2 SE 1/4, SE 1/4, Section 33, T. 29 N., R. 69 W.  
Gray very fine massive sandstone approximately 80 feet.
- Sample #3 SE 1/4, SE 1/4, Section 33, T. 29 N., R. 69 W.  
Gray very fine massive sandstone approximately 30 feet.
- Sample #4 NW 1/4, NE 1/4, Section 9, T. 28 N., R. 69 W.  
Brown dirty fine grained massive sand or mud stone.
- Sample #5 SW 1/4, SW 1/4, Section 4, T. 28 N., R. 69 W.  
Brown ochre fine grained massive sandstone approximately 40 feet.

Our field examination indicated that samples 1, 2, 3, and possibly 5 show some promise. Number 4 is probably too dirty to be of much value.



NATURAL RESOURCES RESEARCH INSTITUTE

P. O. BOX 3038, UNIVERSITY STATION

LARAMIE, WYOMING 82070

April 1, 1969

Mr. John T. Goodier  
Assistant Chief of Water Resources  
Wyoming Natural Resource Board  
240 West 23rd Street  
Cheyenne, Wyoming 82001

Re: Sample No. 4197

Dear John:

We have now done enough work on the five sandstone samples from the Glendo area you submitted under covering letter dated January 20, 1969. When it became apparent that the content of non-quartz material was quite high, I had the fellows run an X-ray diffraction on each of the samples. Feldspar is present in each of the samples and numbers 4 and 5 also contain some tourmaline.

We are making no charge for the X-ray work because of the delay in getting you this report. The situation in our laboratory is now much improved and we are hopeful that things will continue to improve.

Sincerely,

NATURAL RESOURCES RESEARCH INSTITUTE

A handwritten signature in cursive script that reads "Walter E. Duncan".

Walter E. Duncan  
Associate Director

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