

# COPY

## STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

1069 STATE OFFICE BUILDING  
PORTLAND 1, OREGON

Nov. 5, 1952

Mr. George C. Alden  
1200 S. W. Morrison  
Portland 5, Oregon

Dear Sir:

Refer to your letter of Oct. 31 regarding the possibility of cinder cones in southwestern Oregon. Other than the scoria or cinder cones mention in the Crater Lake area by Howell Williams in his book entitled, "The Geology of Crater Lake National Park, Oregon, With a Reconnaissance of the Cascade Range Southward to Mount Shasta", I do not have any record of cinder cones in this area.

Williams states that there are 13 of these cones within the limits of Crater Lake National Park and 11 outside the park. I doubt if many or possibly any of these cones are very close to existing roads or would be readily accessible or close to rail transportation. Never having visited these cones I can not provide any information as to the adaptability of the scoria, bombs, cinders, and other volcanic fragments of these cones to making cinder blocks or as to possible tonnages. I recommend that you visit our Portland office and review Dr. Williams book, especially pages 55-58 regarding cinder cones. → p 58

Should any locations of cinder cones be brought to my attention in the future, I will be happy to notify you.

Sincerely yours,

David White  
Geologist

DJW:ams

Also See: Short Paper No. 21  
Mineral Localities Map and Index

Cinder Cones  
near Dalles-  
Calif. Highway  
and R.R.

GEO. C. ALDEN  
1200 S. W. Morrison St.  
Portland 5, Oregon  
BRoadway 0571

55  
141<sup>79</sup>  
145

OCT 31 1952

MR DAVID J. WHITE, FIELD GEOLOGIST,  
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES  
STATE OF OREGON  
239 S. E. "H" STREET,  
GRAMS PASS, OREGON

DEAR MR WHITE:-

MR MASON HAS SUGGESTED THAT I CONTACT YOU.  
ENCLOSED IS A CIRCULAR LETTER TO THE BLOCK  
MANUFACTURERS IN THE NORTHWEST AREA. THE  
CONTEXT OF THE CIRCULAR WILL GIVE YOU AN  
IDEA OF OUR AIMS AND HOPES.

UP UNTIL NOW WE ARE NEGOTIATING  
FOR PLANT CINDER SITES IN THE BEND AREA.  
IT OCCURS TO US THAT THERE MAY BE SOME  
CINDER CONES IN YOUR VICINITY THAT COULD  
BE UTILIZED TO ECONOMIC ADVANTAGE.

WE SHALL BE GRATEFUL IF YOU WILL  
WRITE US AS TO THE POSSIBILITIES.

YOURS VERY TRULY

GEO. C. ALDEN

GEO. C. ALDEN  
Manufacturer's Agent  
1200 S. W. Morrison St.  
Portland 5, Oregon  
Broadway 0571

~~COPY~~

SUBJECT: THE MANUFACTURE OF SPECIFICATION LIGHTWEIGHT MASONRY UNITS  
USING "AIRLITE" NATURAL CINDER AGGREGATES.

Gentlemen:

Our current research and laboratory test results indicate conclusively that lightweight natural cinder materials derived from certain deposits in Northern California, Central and Eastern Oregon and Eastern Washington will produce specification lightweight units. Economically too. "Airlite" processing control permits the use of the selected natural cinder in combination with selected local aggregates. The "Airlite" control is proven in many areas - New Mexico, Nevada, Southern California, Eastern Idaho, and Arizona. Natural cinder aggregates are in direct competition with expanded clays and shales. They more than hold their own for technical quality and also price-wise.

"Airlite" natural cinders for price, for specification masonry units, for texture and color is the answer. "Airlite" technical control will prove to the Architect and the Engineer that your products are acceptable either in terms of A.S.T.M. or Federal Specifications. Your cost reduction will be pleasant.

"Airlite" natural cinders are usually combined with selected local aggregates. These combinations not only reduce cost but enables the production of a unit that will be acceptable for compression psi, absorption and moisture content. Where weight in terms of pounds per cubic feet, or contraction and expansion in terms of the "comparator test" are prescribed for linear changes, "Airlite" complies. Even where the brick masons prescribe that the 8"x8"x16" block weigh not more than 32#, the natural cinder unit is pounds under that weight factor.

"The proof of the pudding is in the eating." We shall be pleased to have the opportunity of working with you in your plant so that you may present the results to your own laboratory for your own evaluation. Of course - we know that these test reports will look good to the Architects and Engineers, and the direct profit saving to you will make you friendly to "Airlite" natural cinders.

We are hoping to travel in your direction.

Yours very truly,

Geo. C. Alden/mb

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