

Pleasant Valley Tuff Quarry

NAME	OLD NAMES	PRINCIPAL ORE	MINOR MINERALS
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10 S T	41 E R	24 S
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PUBLISHED REFERENCES

Parks 14

Baker COUNTY

Lower Burnt River AREA

..... ELEVATION

MISCELLANEOUS RECORDS

On Highway 30 ROAD OR HIGHWAY

On U.P.R.R. DISTANCE TO SHIPPING POINT

PRESENT LEGAL OWNER (S) ... Loye Corporation
..... (Mr. S. B. Loye, President)

Address 1637 S. E. Hawthorne, Portland, Ore.....

TITLE TO PATENTED CLAIMS HELD BY A.S. LLOYD
LOYE CORP. DEVELOPED CIRCA 1948

OPERATOR Loye Corporation

.1637 S. E. Hawthorne, Portland, Ore.....

Name of claims	Area	Pat.	Unpat.
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Name of claims	Area	Pat.	Unpat.
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EQUIPMENT ON PROPERTY

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State Department of Geology and Mineral Industries

702 Woodlark Building
Portland, Oregon

Report by: N. S. Wagner
Date: April 1, 1946

Pleasant Valley Tuff Quarry (Building stone and aggregate)
Memorandum Report

Lower Burnt River
Baker County

Owner-Operator Loye Corporation, 1637 S. E. Hawthorne, Portland, Mr. S. B. Loye,
President.

Location T. 10 S., R. 41 E., Section 24 and parts and parcels of other sections
immediately adjacent thereto. Both the U.P. Railroad and Highway 30
pass thru the property in this section.

History Several companies operating individual pits were engaged in the pro-
duction of building stone from this tuff during the early part of the
century. Although used extensively locally, production of this stone
was discontinued about 1920. An article by Parks in the Oregon Bureau
of Mines and Geology, Vol. 1, No. 2, 1914, discusses this stone in
considerable detail.

Development The present company plans to saw for their own exclusive use as Con-
struction Engineers, 6 x 6 x 12" basic blocks together with the appro-
priate related items such as sills and caps of other dimensions. The
company plans also to produce a sized aggregate for unrestricted sale
to cement block manufacturers.

By way of test purposes a Felker "Di-met" saw with two 36" blades is
being set up on the property for the purpose of sawing a supply of
blocks sufficient to build three five room houses. If these houses
prove satisfactory and if other factors combine to indicate the practi-
cability of doing so, then a regular "granite" quarry saw will be in-
stalled at one of the quarries.

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STATE DEPT. OF GEOLOGY
& MIN. IND.

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For the aggregate phase of the work experiments are now being run to determine the best sizes and mixes. Results must await the curing of test blocks, but it has been determined that crushing to $\frac{1}{2}$ " minus produces fines of $1/16$ " minus to the extent of 30% of the rock crushed.

Progress reports will be submitted from time to time as developments materialize.

NSW