

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland, Oregon

RAILROAD GROUP (LIME)

LOWER BURNT RIVER

BAKER COUNTY

FW
6/9/41
Joa

Owner: Bert Landreth and John Arthur, both of Baker, Oregon.

Location: Two miles south of Durkee on the Old Oregon Trail
(U.S. highway 30).

Area: Two patented claims known as Railroad number 1 and
Railroad number 2.

Geology: About two miles south of Durkee on U. S. highway 30,
a cut in the highway exposes a large limestone deposit,
which strikes S 60°W and dips 60°N.W. The limestone
exposure is about 400 feet wide and can be traced for
at least a mile in a South Westerly direction. It is
interbedded with argillite and bound by argillite. The
lime rock varies in color from a light grey to almost
black. It varies in composition from 55 per cent CaO
to 30 per cent CaO. In general the purest limestone is
on the south side of the deposit and there appears to
be a considerable tonnage of high grade of limestone.
Before an accurate estimate of the tonnage can be made
more work must be done.

According to Moore, U.S.G.S. Bulletin 875 Nonmetallic
Mineral Resources of Eastern Oregon, "A large deposit of
limestone occurs at Nelson, a siding on the Union Pacific
line in the Burnt River Canyon, 3 miles south of Dur-
kee. The limestone is a lenticular body in a series of
argillites, quartzites, and cherts which have been
mapped by Lindgren as Paleozoic but which appear to be
western continuations of sediments exposed on Connor and
Sisley Creeks and supposed to be Triassic. The lime-
stone consists of a number of beds about 40 feet in
average thickness which have been squeezed between
argillites, quartzites, and cherts. The strike is N. 65°
E. and the dip 63° NW. The limestone is nearly black,
crystalline, and extensively silicified. The beds
are variable in thickness, owing to the crushing between
the interbedded clastic rocks. The total thickness of
the limestone and associated beds is about 1,500 feet,
and the outcrop is limited to Gold Hill, on the north-
east side of the river. On the south side the only
evidence of limestone is a large tufa cone built by a
sulphur spring, now cool, on an old river bench.

Hugh K Lancaster
Hugh K. Lancaster
Field Engineer

FW.S.

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Railroad Group of Claims

Owned by: Bert Landreth and John Arthur,
both of Baker, Oregon

		Percent Insaluble	Percent CaO	Percent MgO
BBF 57	South face of outcrop 1500 feet from road near top of ridge	2.2	54.5	0.4
BBF 58	Sample from outcrop on top of ridge 2000 feet S 60° west of highway.	26.0	40.9	
BBF 59	North side of top of ridge near gulch bottom about 2000 feet from highway	17.2	46.2	
BBF 60	South side of draw about 1000 feet from BBF 59 and 1000 feet from highway.	2.8	54.7	0.1
BBF 61	Outcrop north side of draw near road.	46.2	30.3	
BBF 62	1000 feet above highway on south side of outcrop and approximately 500 feet from BBF 57	3.6	54.3	0.1
BBF 63	South corner of outcrop on highway	3.6	54.0	0.6
BBF 64	150 feet north of BBF 63 on edge of road	1.2	55.0	0.2
BBF 65	220 feet north of BBF 64 on edge of highway.	1.2	55.6	0.1
BBF 66	25 feet dike running through north side of deposit strike N 60° E dip 80° N.	75.5	12.7	
BBF 67	North side of outcrop on highway	23.0	41.8	

Railroad Prop
NAME

OLD NAMES

Limestone
PRINCIPAL ORE

MINOR MINERALS

T R S

PUBLISHED REFERENCES

..... Baker COUNTY

..... Lower Burnt River AREA

..... ELEVATION

..... Highway 30 ROAD OR HIGHWAY

..... At shipping point DISTANCE TO SHIPPING POINT

MISCELLANEOUS RECORDS

PRESENT LEGAL OWNER (S)

~~.....~~
Bert Landreth

Address

~~.....~~
" "

OPERATOR

None

Name of claims Area Pat. Unpat.

Railroad #1 ✓

" 2 ✓

Name of claims Area Pat. Unpat.

EQUIPMENT ON PROPERTY

None