LIVELY LIMESTONE QUARRIES (abandoned) Gold Hill area
Jackson County

Two small limestone lenses were quarried out and the quarries abandoned. The limestone was burned to lime in a small vertical kiln that still stands on the property.

Location: Sec. 2, T. 37 S., R. 3 W., on Kane Creek
History: Hodge 1/ reported as follows:

"This property, formerly owned by the Lively Lime Company, of Gold Hill, is now owned by a Mr. Hughes, of the Oregon Portland Cement Company. It is situated in sec. 11, T. 37 S., R. 3 W., on the east side of the south or principal fork of Lane Creek, 5 miles southeast of Gold Hill. The limestone is quite pure, especially on the southeast side of the quarry, but grades into a less pure variety on the northwest side. The quarry floor is connected to bunkers 350 feet away by well-graded track passing through a 200-foot tunnel. Overburden is less than 3 feet thick and forest cover is light.

"It is said that much of the limestone was shipped to Salem and Lebanon where it was used for paper manufacture at a price of $1.50 per ton, f.o.b. Gold Hill, Oregon. Reserves appear to be large. Equipment includes track, two large bunkers adjacent to the county road, a 15 h.p. 250-volt electric motor, and a 6 by 6 inch compressor for drilling. Detachable drill bits were used in the quarry.

"A quarter of a mile down the road the company has installed a verticle, wood-fired kiln having a capacity of 12 to 15 tons per 24 hours. The operators also supplied agricultural lime stone. The whole plant has been shut down for several months.

"Analysis of a large chip sample (U.S.E.D. No. 89) gave:

<p>| | | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>SiO₂</td>
<td>0.27</td>
<td>CaO</td>
</tr>
<tr>
<td>Al₂O₃</td>
<td>0.59</td>
<td>MgO</td>
</tr>
<tr>
<td>Fe₂O₃</td>
<td></td>
<td>Ignition Loss</td>
</tr>
<tr>
<td>FeO</td>
<td>0.36</td>
<td>Total</td>
</tr>
</tbody>
</table>

CaO 92.67%"

Early in the history of the quarry, a Keystone kiln was built.
Lively Limestone quarries (2)

a mile or so southeast of Gold Hill and limestone was hauled to the kiln. The kiln still stands. A railroad spur from the Southern Pacific Railroad near Gold Hill was built to the kiln. Use of this kiln was abandoned when a kiln was built at the quarry site.

The property has been inactive for several years. Commercial limestone has been removed from the quarries and it is no longer economical to work the deposits.

Informant: RCT Feb. 24, 1943.

References: 1/ Hodge (38) Northwest Limestones.
Wells (40) Grants Pass geologic map, deposit 43
JOHN A BAXTER
116 N 3rd Ave.
Walla Walla Wash. 4/4/41

GOLD LIMESTONE PLACER CLAIM
HILL

This Claim contains 160 acres and is held by doing the
annual assessment work of $100 on or before the 30th day of June.

It is located in the NE 1/4 SW 1/4 SW 1/4 SW 1/4 of the SE 1/4 of Section Two (2) and WSW 1/4 SW 1/4 of Section One (1), Twp 37 South, Range three (3) West of Willamette Meridian Southerly from Gold Hill, Jackson County, Oregon.

The Claim is easily accessible. There is a hardsurfaced
or macadam road to the Claim, and road parallels the Claim on the
west side. The distance from Gold Hull is 4½ miles. The first ledge
of limestone on the Claim is 1000 feet easterly from the road, up
a 25% grade. The big ledge is on the same 25% grade, 1200 feet
above the first ledge. It was the intention to build a tram road
down this 25% grade. A regular truck road is the latest idea,
and the grade should be built on a 10% incline, so as to load trucks at
the quarry and take the loads through to the railroad cars. Round
trips of less than 10 miles.

The lower ledge is 20 feet wide, 30 feet depth is opened and
the ledge is over 600 feet long on the top. This shows 20,000 tons,
figuring on about 12 cu ft to the ton. The upper ledge is 110 feet
wide on the surface and about 600 feet long. If opened up 50 feet
in dept one has 5 times the quantity of the lower ledge so one can
safely figure on 150,000 tons. The ledge is scattered limestone on
the ground for 400 feet above the ledge, and it may be that it ex-
tends to the property on the south which has outcroppings. Diamond
drilling would prove whether there is a half million tons or more.

Several tests have been made but analysis shows 98.6%
calcium Carbonate contents. The color is grey, the rock is hard
and polishles like marble. Burned lime from Kanes Creek has been
polular for fifty years or more;

I believe that Oregon at the present time ships all its
lime from outside States. Capital should be interested in this
industry. 40,000 tons of agricultural limestone for the sour soils
of Willamette, Umqua and Rogue River Valley and the Coast is needed.
200 cars of raw lump limestone is used by the paper mills of
Oregon. The Chemical industry uses lots of limestone and this pure.

The freight rates to Portland on limestone is $2.55 per ton
in 94,000 lb car lots. It is the same from Marble Mountain near
Grants Pass, also from Lime Oregon on the Union Pacific. Compared
with Washington rates we find from Roche Harbor the rate is about
$5.60, from Northport, Wash. $5.60 and from Evans Wash. $3.60 per ton.
The freight rates are as good at Gold Hill as elsewhere. If a
quarry is located on the R. R. mainline, it may have some advantage.

The owners of this property would like to make quick disposal
of this property, as they are unable to operate it. It can be had
real reasonable if cash is offered. For any details please ask what
you want to know.

John A Baxter
Walla Walla Wash.
CRIB MINERAL RESOURCES FILE 12

RECORD IDENTIFICATION
RECORD NO. .............. M061052
RECORD TYPE ............. XIN
COUNTRY/ORGANIZATION ... USGS
MAP CODE NO. OF REC. ....

REPORTER
NAME ....................... JOHNSON, MAUREEN G.
UPDATED .................... 81 01
BY .......................... FERNS, MARK L.; (BROOKS, HOWARD C.)

NAME AND LOCATION
DEPOSIT NAME ............... LIVELY LIMESTONE MINE
SYNONYM NAME .............. HUGHES GROUP

MINING DISTRICT/AREA/SUBDIST. GOLD HILL
COUNTRY CODE ............... US
COUNTRY NAME: UNITED STATES

STATE CODE ............... OR
STATE NAME: OREGON

COUNTY ................. JACKSON
DRAINAGE AREA .............. 17 ROGUE RIVER
PHYSIOGRAPHIC PROV. .... 13 KLAMATH MOUNTAINS
LAND CLASSIFICATION .... 01

QUAD SCALE ........ QUAD NO OR NAME
1: 62500 .................. GOLD HILL

LATITUDE .................. LONGITUDE
42-22-56N ............... 123-01-13W

UTM NORTING ........ UTM EASTING ........ UTM ZONE NO
4691993.8 ........ 498319.8 ........ +10

THP ......... 37S
RANGE ....... 03W
SECTION .... 11
MERIDIAN .... WILLAMETTE

COMMODITY INFORMATION
COMMODITIES PRESENT .......... LST

PRODUCER (PAST OR PRESENT): MAJOR PRODUCTS ... LST
STATUS OF EXPLOR. OR DEV. 4

EXPLOR. AND DEVELOP. COMMENTS: DEPOSIT MINED OUT.

DESCRIPTION OF DEPOSIT
FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA
SIZE OF DEPOSIT: SMALL

DESCRIPTION OF WORKINGS
COMMENTS (DESCRIPTION OF WORKINGS):
QUARRY, TUNNEL 200

PRODUCTION
YES
SMALL PRODUCTION
23 LST, EST SOME

PRE 1938 LIMESTONE (9% CACO3)

AGE OF HOST ROCKS: PERM TRI

GEOLOGY AND MINERALOGY

LOCAL GEOLOGY
NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES
1) NAME: APPELEGATE GROUP
AGE: PERM-TRI

GENERAL REFERENCES
1) MINERAL AND WATER RESOURCES OF OREGON; 1968, ODGMI BULL 64, P 251
2) OREGON METAL MINES HANDBOOK, 1943, ODGMI BULL 14-C, VOL 2, SEC 2, P 86