

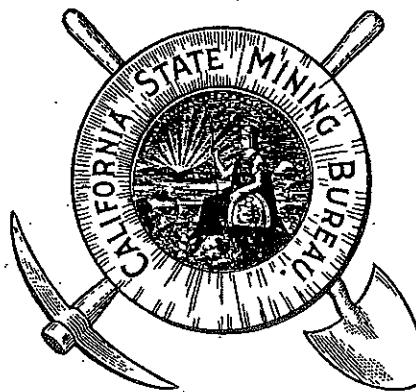
BULLETIN No. 38.

SAN FRANCISCO, JANUARY, 1906.

THE
STRUCTURAL AND INDUSTRIAL MATERIALS
OF CALIFORNIA.

ISSUED BY THE
CALIFORNIA STATE MINING BUREAU,
Ferry Building, San Francisco.

UNDER THE DIRECTION OF
LEWIS E. AUBURY, State Mineralogist.



ANDSTONE,
K, AT THE
RY, STATE

W. W. SHANNON, SUPERINTENDENT STATE PRINTING, SACRAMENTO.

1906.

thickness of limestone, which is stained yellowish brown in spots from the infiltrating iron-bearing waters. The middle opening shows from 10 to 15 feet of white limestone.

There is no building stone available at this quarry, owing to the friability of the limestone. It is adapted to use for quicklime because of the ease with which it can be quarried.

SANTA CLARA COUNTY.

El Dorado Sugar Company's Quarry, in Sec. 18, T. 7 S., R. 2 W.; Granite Rock Company, owner; Mr. Wilson, Watsonville, manager. This quarry is located on Black Mountain, 9 miles by wagon road from Mountain View, on the Southern Pacific Railroad.

The limestone is hauled by wagon to Mountain View, where it is shipped by rail, at the rate of 30 to 60 tons per day during the dry season, to the sugar factory at Alviso, where it is burned into quicklime and used in the factory. The quarry has been in operation for three years.

The limestone is thinly bedded and much shattered, compact to finely crystalline, of a gray to nearly black color, of the variety known as anthraconite; containing considerable organic matter and numerous small veins of white calcite. The strata are highly inclined, the dip being 55° N. 10° E. at the quarry. The limestone contains considerable dark gray to black chert, in seams 2 or 3 inches thick and in small irregular lenses. In places the limestone is shaly and contains much clay. In quarrying, the very thin layers break up into pieces too small for use. Hence the waste from the chert, the clay, and the small fragments causes considerable extra expense in the quarrying. The stone, however, when freed from the chert and the shale is said to make a most desirable lime for the use of the sugar-maker.

The stone has been quarried in several places. The present workings on the east side of the cañon near the base of the mountain have a face of about 35 or 36 feet, the upper 10 or 12 feet of which contain much black shale. The limestone extends to the top of the mountain, several hundred feet above the quarry.

The outlines of the limestone area, as that of other neighboring small patches, are shown on the U. S. Geological Survey Atlas sheet of this region.

The stone would make a good road material, as it is already in such small dimensions that there would be little expense for further crushing.

Los Gatos Lime Quarry; J. W. Taylor, San Francisco, owner. Located on the mountain 2 miles southeast of Los Gatos. There is a good road, all down grade, to Los Gatos, where the stone was hauled and burned

in kilns
been idl

There
than 10
to 30 in
occurs
could b
burning

The l
flinty fr
conside
and par

There
Cruz.

a coarse
and sh
adobe c
the ado
the surt
percola
appears
variabl
part of

The s
walls a
but mo
Francis

Henr
Francis
road ab
in use,
which i
hauled

Lime
the stor
This qu
There is
this has

Basic
along t.