

# State Department of Geology and Mineral Industries <sup>725 WDL</sup>

702 Woodlark Building  
Portland, Oregon

Reported by N.S. Wagner  
Examination, June 10, 1943

Name of Property Lazy Jim (calcite crystals) Greenhorn District. Baker Co.

Owner Glen F. Anderson, 3rd St. Baker, Oregon.

Area Two claims. One <sup>located</sup> taken September 28, 1942 and recorded; the other <sup>located</sup> taken in June, 1943 and not recorded.

Location NE $\frac{1}{4}$  of Sec. 20, T. 10 S., R 37 E., or beginning a couple hundred feet northwest of the railroad track at the divide between Sumpter Valley and Junpier Flat on the old Whitney road.

History The Lazy Jim gold mine was formerly situated here, work being done approximately 1900. Little is known about this mine but it is reported that several promising pockets were discovered. Many relic shafts, trenches and pits are to be seen on the hill.

Development None

Geology Massive blocks of pure calcite crystals occur here. In one place crystals averaged an inch or better across in size, although the crystals in the usual aggregate varied between  $\frac{1}{4}$  and  $\frac{1}{2}$  inch. Locally there were blocks composed of nothing but small crystals.

A small lense of limestone occurs here along with an argillite series and both of these are ~~contacted~~ and practically surrounded by a large granodiorite intrusive, and closely associated with a metagabbro intrusive, serpentine and peridotite. Several quartz veins traverse the limestone. Although outcrops were poor, the line-up of crystal exposures suggests that they are a recrystallization product following the strike of a fracture zone or contact.

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The greatest observed width of developed crystals was 30 feet. In this distance they graded from the largest seen, an inch or better across to progressively smaller sizes, and then finally to limestone. Outcrops of these crystals are to be seen over a distance of several hundred feet, but exposures are lacking between these outcrops. Thus these various exposures may represent individual local developments, or they may be part of a more or less continuous belt. A lack of float between exposures makes it seem probable that these are individual deposits. If this proves to be the case, there isn't likely to be a very big tonnage available.

An analysis by the State Dep't of Geology and Mineral Industries gave 55.8% CaO and 0.22% MgO. Calculated as  $\text{CaCO}_3$  and  $\text{MgCO}_3$  these percentages are 99.6 and 0.46 respectively.

Economics This material was submitted to the Amalgamated Sugar Co., at Odgen, Utah. Although it was of satisfactory purity, it was turned down because the crystals crumble in the kilns obstructing the drafts and preventing uniform calcining.

It is possible that continued development of synthetic mineral foods for livestock will ultimately create a market for crystalline calcite such as this. In that event considerable trenching must be done to ascertain whether or not there there is sufficient tonnage available to make the property economically attractive.

*Larry Jimm*

*Bu + Calcute*

NAME

OLD NAMES

PRINCIPAL ORE

MINOR MINERALS

*105*

*37*

*NE 1/4 20*

T

R

S

PUBLISHED REFERENCES

*Baker Co*

COUNTY

*Granholm*

AREA

ELEVATION

MISCELLANEOUS RECORDS

ROAD OR HIGHWAY

DISTANCE TO  
SHIPPING POINT

PRESENT LEGAL OWNER (S)

*Glen F Anderson*

Address

*3rd P Baker Co*

OPERATOR

*same*

Name of claims

Area

Pat.

Unpat.

Name of claims

Area

Pat.

Unpat.

EQUIPMENT ON PROPERTY

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REPORTS

*Lazy Jim (Balute)*

*NSW June 10, 43*

*X*

*✓*

SHIPMENT AND ASSAY RECORDS

*Copy of three analyses by Walter Sagar Co*

*✓*

MAPS