

GEOLOGICAL SURVEY OF WYOMING

MR 1904-41

State of Wyoming.
Office of State Geologist.
Cheyenne.

RECORD COPY
NOT TO BE REMOVED
FROM OFFICE

Cheyenne, Wyo. Feb. , 1904.

Mr. Charles B. Lamont,

Secretary Great Standard Copper Mining Co.,

Boston, Mass.

Dear Sir:-

Complying with your request, I hand you herewith copy of a
brief report on group of claims owned by your Company at Silver Crown
Mining District, Laramie County, this State, and trust it may be of
interest to you.

Very truly yours,

Henry O. Beeler
State Geologist.

REPORT
ON
THE GREAT STANDARD GROUP.
HECLA, LARAMIE COUNTY, WYOMING.

ORGANIZATION.

The Great Standard Copper Mining Company was incorporated under the laws of Arizona, September 25th, 1902 for \$1,000,000.00, divided into 2,000,000 shares, par value fifty cents each. The Colonial Security Company, 161-3-5 Summer Street, Boston, Mass., is given as the sole fiscal agents.

EXTENT AND LOCATION.

The property consists of seventeen mining claims, namely:-

JOLLY ROVER LODGE.
MADELINE NO. 1 LODGE.
VIRGINIA BOY LODGE.
HUSTLING DICK LODGE.
DOCTOR BILL LODGE.
BOSTON BOY LODGE.
MADELINE NO. 3 LODGE.
CATALINA LODGE.
MADELINE NO. 4 LODGE.
MADELINE NO. 2 LODGE.
MOLLY O LODGE.
COLONIAL LODGE.
COLUMBIAN LODGE.
FLORENCE LODGE.
INDEPENDENCE LODGE.
WASHINGTON LODGE.
CHARLOTTE LODGE.

These are held by location and discovery under the laws of the United States and the State of Wyoming, as shown by the attached Abstract of Title obtained from and duly certified to by the County Clerk of

Laramie County, Wyoming, in which the property is situated.

The property lies two miles northerly from Granite Canon Station and post office on the Union Pacific Railroad, about twenty miles west of Cheyenne, Wyoming, in what is known as the Silver Crown Mining District.

GENERAL FORMATION.

In this locality and District, the country shows a range of low mountains, having a general northerly and southerly trend or direction: These hills are known locally as the Laramie Hills, rise to an altitude of 9000 feet and are principally granite.

This granite is generally of a reddish feldspathic variety, usually very coarse grained and showing a limited amount of mica: the granite is often cut by masses and dykes of grey granite and diorite, schist and gneiss, the intrusions varying in size and importance in the various localities included.

THE GREAT STANDARD GROUP.

This group covers the top and sides of one of the low ridges of this range and on it the outcrops are not very extensive or prominent, except in the smaller gulches leading down from the ridge.

On each of the claims, the discovery hole required by law has been dug and on the Boston Boy and Colonial claims other holes have been put down for prospecting purposes.

The principal work has been done on the Colonial claim where a depth of twenty feet has been reached, the hole being sunk in a quartzose ledge matter.

In this vicinity the ^{country} rock is granite and several dykes of dioritic material are noted cutting the granite and having a general north easterly and south westerly trend or direction.

One of these black dykes outcrops near the Colonial work and apparently cuts across the course of the quartzose ledge above mentioned. This latter ledge may be traced for some distance east and west from the workings, but its extent or value has not yet been determined by the workings.

The ledge matter is quartz, shows some lime crystals and is often heavily stained by iron oxides and some copper carbonates as stains is also noted.

Small amounts of iron sulphides have also been noted, but are not continuous at the depth attained by the present workings.

Three samples were taken from this work with the following results:-

	Gold, Oz. per ton.	Silver oz. per ton.
No. 1. Sample of quartzose vein matter from shaft.....	0.03	0.12
No. 2. Same from dump.....	0.04	0.12
No. 3. Same from dump.....	0.03	0.14

Southwest from the Colonial shaft, a hole known as the Boston Boy shaft has been sunk to a depth of fifteen feet, on a showing of quartz in a granitic quartz ledge matter. This quartz shows in the north west corner of the present shaft, the balance of the shaft being in ledge matter.

Two samples were taken from this place, with results as follows:-

4-

	Gold Cheyenne. oz. per ton.	Silver, oz. per ton.	Copper, per cent.
No. 4. Quartz from north west corner of Boston Boy shaft.....	0.03	0.14	
No. 5. Quartz from north west corner of Boston Boy shaft showing copper stains.....	0.03	0.12	0.25

A second shaft known as the Boston Boy # 2 was sunk near the above, but no showings of importance were made.

Other holes have been put down as above noted, but no development of importance has taken place.

On the Florence claim, north of the Colonial workings, a hole about twelve feet deep has been put down on a showing of quartz in schistose ledge matter.

This quartz is stained with iron oxides and some copper carbonates, and also shows iron pyrites with some copper sulphides in small quantities scattered throughout the ledge matter. A sample taken here showed results as follows:-

	Gold (oz. per ton)	Silver, (oz. per ton)	Copper, per cent.
No. 6. Sample of quartz from Florence shaft.....	0.02	trace.	0.10

These samples were taken to show a general average or characteristic sample of the various materials without regard to selection of most promising ores and certificate of assays is herewith attached.

DEVELOPMENT.

The Great Standard Group is a prospect and undeveloped and a great deal of work will be necessary to determine its value as a mining property, but it is considered to warrant further prospecting on the ledges already cut into by the present shallow workings are known to exist on outcrops in different parts of the group.

It is recommended that considerable surface work be done on the showings already made and in other portions of the group before a location for permanent works is decided upon.

No plant will be necessary for this preliminary work and it may be done at a small cost with a limited force and a great deal of the value of the land determined in a short time.

At the completion of this surface work a careful survey of all showings and conditions should be made and a point selected at the most promising showing for deeper work.

General mining conditions at Silver Crown are favorable for economical work and mining supplies etc. may be laid down at the mines at rates which compare favorably with prices in other mining camps.

Respectfully Submitted,


State Geologist.

Date of Examination

February 8, 1904.

1736 and 1738 LAWRENCE ST.

Denver, Colo., Feb 10 1904

We hereby Certify, that the samples assayed for HC Breuer gave the following result.

	DESCRIPTION	Gold and Silver		Gold and Silver		Copper	Lead	Silica	Iron	Zinc	REMARKS
		oz. per ton	oz. per ton	Value per ton	Value per ton						
1	Report Wash # 4	0.03	0.14								
2	do 5	0.04	0.12			0.25					
3	do 1	0.03	0.12								
4	do 2	0.04	0.12								
5	do 3	0.03	0.14								
6	do. 6	0.02	Trace			0.10					

Gold at _____ per ounce Charges
 Silver at _____ per ounce \$
 Lead at _____ per cent
 Copper at _____ per cent Sup.

HC Breuer

Assayers.

A B S T R A C T O F T I T L ETo The

JOLLY ROVER LODE.
MADELINE NO. 1 LODE.
VIRGINIA BOY LODE.
HUSTLING DICK LODE.
DOCTOR BILL LODE.
BOSTON BOY LODE.
MADELINE NO. 3. LODE.
CATALINA LODE.
MADELINE NO. 4. LODE.
MADELINE NO. 2 LODE.
MOLLY O LODE.
COLONIAL LODE.
COLUMBIAN LODE.
FLORENCE LODE.
INDEPENDENCE LODE.
WASHINGTON LODE.
CHARLOTTE LODE.

SITUATE IN THE SILVER CROWN MINING DISTRICT, IN THE

COUNTY OF LARAMIE, STATE OF WYOMING.

Entry No. 1.
Book 104.
Page 374.

Location Certificate.

JOLLY ROVER LODE.

By John Loughrey and R. C. Freeman.
Date of location, May 28th 1903.
Filed for Record June 29th 1903.
Locators certify that claim is not more than
600 feet wide by 1500 feet in length. That
it is in the Silver Crown Mining District in
the County of Laramie and State of Wyoming.
And is known as the Jolly Rover Lode.

Entry No. 2.
Book 104.
Page 375.

Location Certificate.

MADLINE NO. 1 LODE.

By John Loughrey and R. C. Freeman.
Date of Location May 11th 1903.
Filed for Record June 29th 1903.
Locators certify that claim is not more than
600 feet wide by 1500 feet in length. That
it is in the Silver Crown Mining District in
the County of Laramie and State of Wyoming.
And is known as the Madeline No. 1 Lode.

Entry No. 3.
Book 104.
Page 376.

Location Certificate.

VIRGINIA BOY LODE.

By John Loughrey and R.C. Freeman.
Date of Location May 13th 1903.
Filed for Record June 29th. 1903.
Locators certify that claim is not more than
600 feet wide by 1500 feet in length. That it
is in the Silver Crown Mining District in
the County of Laramie and State of Wyoming.
And is known as the Virginia Boy Lode.

Entry No. 4.
Book 104.
Page 377.

Location Certificate.

HUSTLING DICK LODE.

By John Loughrey and R. C. Freeman.
Date of Location May 13th 1903.
Filed for Record June 29th 1903.
Locators certify that claim is not more
than 600 feet wide by 1500 feet in length.
That it is in the Silver Crown Mining Distr-
ict in the County of Laramie and State of
Wyoming. And is known as the Hustling Dick Lode

Entry No. 5.
Book 104.
Page 378.

Location Certificate.

DOCTOR BILL LODE.

By John Loughrey and R. C. Freeman.
Date of Location May 23d, 1903.
Filed for Record June 29th, 1903.
Locators certify that claim is not more than
600 feet wide by 1500 feet in length. That
it is in the Silver Crown Mining District in
the County of Laramie and State of Wyoming.
And is known as the Doctor Bill Lode.

Entry No. 6.

Location Certificate.

Book 104.

Page 379.

By John Loughrey and R.C. Freeman.

Date of Location May 13th, 1903.

Filed for Record June 29th 1903.

B O S T O N B O Y L O D E.

Locators certify that claim is not more than 600 feet wide by 1500 feet in length. That it is in the Silver Crown Mining District in the County of Laramie and State of Wyoming. And is known as the Boston Boy Lode.

Entry No. 7.

Location Certificate.

Book 104.

Page 380.

By John Loughrey and R. c. Freeman.

Date of Location May 12th 1903.

Filed for Record June 29th 1903.

M A D E L I N E N O. 3 L O D E.

Locators certify that claim is not more than 600 feet wide by 1500 feet in length. That it is in the Silver Crown Mining District in the County of Laramie and State of Wyoming. And it is known as the Madeline No. 3.

Entry No. 8.

Location Certificate.

Book 104.

Page 381.

By John Loughrey and R.C. Freeman.

Date of Location, May 13th, 1903.

Filed for Record June 29th, 1903.

C A T A L I N A L O D E .

Locators certify that claim is not more than 600 feet wide by 1500 feet in length. That it is in the Silver Crown Mining District in the County of Laramie and State of Wyoming. And it is known as the Catalina Lode.

Entry No. 9.

Location Certificate.

Book 104.

Page 382.

By John Loughrey and R.C. Freeman.

Date of Location, May 12th 1903.

Filed for Record June 29th 1903.

M A D E L I N E N O. 4 L O D E.

Locators certify that claim is not more than 600 feet wide by 1500 feet in length. That it is in the Silver Crown Mining District in the County of Laramie and State of Wyoming. And it is known as the Madeline No. 4 Lode.

Entry No. 10.

Location Certificate.

Book 104.

Page 383.

By John Loughrey and R.C. Freeman.

Date of Location May 11th 1903.

Filed for Record June 29th, 1903.

M A D E L I N E N O. 2 L O D E.

Locators certify that claim is not more than 600 feet wide by 1500 feet in length. That it is in the Silver Crown Mining District in the County of Laramie and State of Wyoming. And it is known as the Madeline No. 2. Lode.

Entry No. 11. Location Certificate.

Book 104.

Page 384. By John Loughrey and R. C. Freeman.

Date of Location, May 23d, 1903.

Filed for Record, June 29th 1903.

MOLLIE O LODE.

Locators certify that claim is not more than 600 feet wide by 1500 feet in length. That it is in the Silver Crown Mining District in the County of Laramie and State of Wyoming. And it is known as the Mollie O Lode.

Entry No. 12.

Mining Deed.

Book 106.

Page 273. By Robert C. Freeman and John Loughrey.

BOSTON BOY,
VIRGINIA BOY,
HUSTLING DICK,
CATALINA,
JOLLY ROVER,
MOLLY O,

To

Great Standard Copper Mining Company.

Dated June 29th, 1903.

Filed for Record June 29th 1903.

MADELINE NO. 1,
MADELINE NO. 2,
MADELINE NO. 3,
MADELINE No. 4,
DOCTOR BILL.

Consideration \$1.00 and other valuable consideration. Acknowledged before a Notary Public of Laramie, State of Wyoming. With Notarial Seal attached. In the presence of two witnesses.

Conveys the following Mining Claims, in the Silver Crown Mining District, in the County of Laramie and State of Wyoming; Boston Boy, Virginia Boy, Hustling Dick, Catalina, Jolly Rover, Doctor Bill, Molly O, Madeline No. 1, Madeline No. 2, Madeline No. 4, Madeline No. 3.

Entry No. 13.

Location Certificate.

Book 103.

Page 315. By John Loughrey, Boston, Mass. by M. E. Roberts, Agent in presence of one witness.

COLONIAL LODE.

Date of Location, Oct. 12, 1903.

Filed for Record, Nov. 17, 1903.

Locators certify that claim is 600 feet wide by 1500 feet in length. That it is in the Silver Crown Mining District in the County of Laramie and State of Wyoming. And that it is known as the COLONIAL LODE.

Entry No. 14.

Location Certificate.

Book 103.

Page 316. By John Loughrey, Boston, Mass. by M. E. Roberts Agent, in presence of one witness.

COLUMBIAN LODE.

Date of Location, Oct. 12, 1903.

Filed for Record, Nov. 17, 1903.

Locators certify that claim is 600 feet wide by 1500 feet in length. That it is in the Silver Crown Mining District in the County of Laramie and State of Wyoming. And that it is known as the COLUMBIAN LODE.

Entry No. 15.
Book 103.
Page 317.

Location Certificate.

FLORENCE LODE.

By John Loughrey, Boston, Mass.
by M. E. Roberts Agent, in
presence of one witness.

Date of Location, Sept. 3d, 1903.
Filed for Record Nov. 17th, 1903.

Locators certify that claim is 600 feet wide
by 1500 feet in length. That it is in the
Silver Crown Mining District in the County
of Laramie and State of Wyoming. And that
it is known as the FLORENCE Lode.

Entry No. 16.

Location Certificate.

Book 103.

Page 318. By John Loughrey, Boston, Mass.

by M. E. Roberts Agent, in
presence of one witness.

INDEPENDENCE LODE.

Date of Location, Sept. 3d, 1903.
Filed for Record Nov. 17th, 1903.

Locators certify that claim is 600 feet wide
by 1500 feet in length. That it is in the
Silver Crown Mining District in the County
of Laramie and State of Wyoming. And that
it is known as the INDEPENDENCE Lode.

Entry No. 17.

Location Certificate.

Book 103.

Page 319. By John Loughrey, Boston, Mass.

by M. E. Roberts Agent, in
presence of one witness.

WASHINGTON LODE.

Date of Location, Sept. 3d, 1903.
Filed for Record Nov. 17th, 1903.

Locators certify that claim is 600 feet wide
by 1500 feet in length. That it is in the
Silver Crown Mining District in the County
of Laramie and State of Wyoming. And that it
is known as the WASHINGTON Lode.

Entry No. 18.

Location Certificate.

Book 103.

Page 320. By John Loughrey, Boston, Mass.

by M. E. Roberts Agent, in
presence of one witness.

CHARLOTTE LODE.

Date of Location Sept. 3d 1903.
Filed for Record Nov. 17th, 1903.

Locators certify that claim is 600 feet wide
by 1500 feet in length. That it is in the
Silver Crown Mining District in the County
of Laramie and State of Wyoming. And that
it is known as the CHARLOTTE Lode.

Entry No. 19.

Book 106.

Page 286.

Mining Deed.

By John Loughrey,
To

The Great Standard Copper
Mining Company.

Dated November 14th. 1903.

Filed for Record, Feb. 4th, 1904.

Consideration \$1.00.

Acknowledged before a Notary Public of
County of Suffolk, State of Massachusetts.
With Notarial Seal attached. In the
presence of one witness.

Conveys the following Mining
Claims in the Silver Crown Mining District,
in Laramie County and State of Wyoming.
CHARLOTTE, WASHINGTON, INDEPENDENCE, FLOR-
ENCE, COLUMBIAN and COLONIAL.

CHARLOTTE,
WASHINGTON,
INDEPENDENCE,
FLORENCE,
COLUMBIAN,
COLONIAL.

THE STATE OF WYOMING,)
County of Laramie.) SS.

I, Joseph Cahill, County Clerk and Ex-Officio Register of Deeds within and for said County, in the State aforesaid, do hereby certify that the above and foregoing Entries, numbered one (1) to nineteen (19) inclusive, constitute a true and correct Abstract of Title to the following Mining Claims, situate in the Silver Crown Mining District, in Laramie County and State of Wyoming; JOLLY ROVER LODE, MADELINE NO. 1 LODE, VIRGINIA BOY LODE, HUSTLING DICK LODE, DOCTOR BILL LODE, BOSTON BOY LODE, MADELINE NO. 3 LODE, CATALINA LODE, MADELINE NO. 4 LODE, MADELINE NO. 2 LODE, MOLLY O LODE, COLONIAL LODE, COLUMBIAN LODE, FLORENCE LODE, INDEPENDENCE LODE, WASHINGTON LODE, CHARLOTTE LODE, as the same appears on the records of said County, in my office,

In testimony whereof, withess my hand and the seal of said County, at my office in the City of Cheyenne, Wyoming, this 10th day of Feb. A. D. at 10.35 o'clock A. M.

Joseph Cahill
County Clerk and Ex-Officio
Register of Deeds.

(S E A L)

By C. Edward Artist Deputy.