

copy No. 1 870

GEOLOGICAL REPORT

ALASKA-WINDHAM GOLD MINING CO.

1900
Herman Kloss

If interested, for information write to Gudmund Jensen
+ Co. owner partner R.E. Robertson. ^{attorney} at law.
Juneau
Alaska. P.O. Box 1254 Juneau
Alaska.

24 Claims which were under option to the
Alaska Lumber Co. have reverted back to their original
owners Gudmund Jensen
+ R.E. Robertson.

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Note: This is a crude Geological map and was drawn for only one purpose, to show the importance of the intersecting veins, such as the Jensen High Grade, and the many more gold bearing intersecting veins that should be of great importance to the development of the Marty tunnel for extensive mining operations, or if to prove more thoroughly the value of the property before such extensive exploration work, as the Marty tunnel, I suggest, a working tunnel at the place marked X on the major one zone. If such a working tunnel was exploited, the most important one zone of this property exposed to observation would be developed and at the same time the intersections contacted of the Jensen vein and the many more intersecting veins, not exposed to view. Important also, for intelligent mine exploration is the fact that at these intersections they undoubtedly will be favorable points of enrichment, also exploration of these intersecting veins could be carried on from this main working tunnel more economically than starting tunnels all over the mountain, where any high grade one is exposed to view.

Assay Sheet

Sampled by Herman Kloss

Assays by best assayer in Seattle

Handed in by Keif, who was in charge at that time.

At the Alaska Windham

From the Keith Tunnell

\$25.00 across over the back of 8 feet of portal tunnel

\$47.00 across 3 feet corner of cross cut

\$18.00 across 9 feet corner cross cut 3 of \$47.00 included

\$ 6.25 across 20 feet from face of cross cut

A MORE THOROUGH ANALYSIS OF THE DEPOSIT CONTAINING
SUCH GEOLOGIC DATA AS MINERAL SPRINGS, DEPOSITS,
TYPE OF DEPOSIT, THEIR EXTENT, ETC. ARE IMPORTANT, BUT
DO NOT BELIEVE NECESSARY. THE GOLD IS A CHIEFLY
MINERAL WITH SOME AN UNIMPORTANT EXCEPTION, ALSO THE
(GALENA) LEAD SULFIDE) (SILICA) (IRON) AND IRON
PYRITHE WITH THE SAME UNIMPORTANT EXCEPTION.

I BELIEVE THE DEPOSIT, ON MORE GENERALLY SPEAKING
THE LARGEST MINERALIZATION OF THIS GREAT VEINING SYSTEM
CAN PARTLY BE CLASSIFIED AS THE INTERMEDIATE OR DEPOSED
SENTED TYPE OF ORE DEPOSIT, FOR MANY REASONS WITHOUT
GOING INTO THE TECHNICAL DETAIL, OF WHY.
I HAVE TRACED THIS IMMENSE GOLD BEHIND FOR MANY
MILES ALONG ITS STRIKE AND FROM ELEVATIONS FROM SEA LEVEL
TO HEIGHTS OF OVER 5000 FEET WHICH IS ALONE PROOF OF A
GREAT HORIZONTAL EXTENT ON ITS DOWNWARD TREND.

I CALLED JACKSON, MITCHELL, AND MANY MORE PEOPLE
OF THIS VICINITY, THE IMPORTANCE OF PROMOTING SUCH
DEPOSITS AS THESE AS IMMENSE LOW GRADE DEPOSITS, FAVORABLE
FOR INTERSECTING MINERALS AND CAPABLE OF PRODUCING
ENORMOUS TONNAGE FOR A GREAT MANY YEARS.
THERE ARE MANY MORE IMPORTANT FEATURES OF THIS PROPERTY
SUCH AS TRANSPORTATION, POWER, TIMBER, ETC. THAT MAKES
THIS PROPERTY ONE OF GREAT AND UNDER PROPER MANAGEMENT
SHOULD BE ONE OF OUR FUTURE IMPORTANT PRODUCERS OF
S. E. ALASKA. I MAY SAY IN CLOSING THIS BRIEF THAT I
DO NOT ATTACH MUCH IMPORTANCE TO THE JACKSON, MITCHELL,
OR JENSEN TUNNEL IN THE FUTURE DEVELOPMENT OF
THIS IMMENSE LOW GRADE PROPERTY, BUT AS I HAVE
SHOWN ON MY CRUDE MAP THE INTERSECTING VEIN IS OF THE UTMOST
IMPORTANCE AND SHOULD BE VERY FAVORABLE FOR
ENRICHMENTS, THUS MAKING THE PROPERTY A MUCH HIGHER
VALUE IN GOLD THAN CAN BE OBTAINED FROM SAMPLES TAKEN AT
RANDOM, HERE AND THERE. TAKEN I SAY THAT, GOLD, SILVER, IRON, AND IRON
AND PRIMARY MINERALS, WITH A FEW UNIMPORTANT EXCEPTIONS, OF THIS DEPOSIT, I
STATE THERE ARE NO OTHER MINERALS HAS BEEN IN MIND FOR THE AGENTS
THAT PRODUCES SECONDARY MINERALS, LEAVING THE PRIMARY AND UNOXIDIZED
ONES EXPOSED, WITH CERTAIN EXCEPTIONS, ALSO UNOCCUPIED.

RESPECTFULLY SUBMITTED HERMAN H. LOSE

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copy of by Herman
Kloss.

MINING REPORT

MR-115-4

A more thorough Geological report containing such Geological data, as mineralizing agents, type of deposit, their relation in regards to rocks that enclose them, etc. are important, but I do not believe necessary. The gold is a primary mineral which maybe an unimportant exception, also the (galena) lead sulfides, (spalenite) zinc sulfide, and iron pynite primary with the same unimportant exception.

I believe the deposit or more generally speaking, the immense mineralization of this great veining system can safely be classed as the intermediate or deep seated type of one deposition, For many reasons without going into the Technical Geological Explanation, of why I have traced this immense gold bearing zone for many miles along its strike and from elevations from sea level to heights of over 5,000 feet, which is alone proof of great ventical extent on its downward trend.

I called Jackson, Mr. Keith, and many more people of this vicinity's attention, the importance of promoting such deposits as these as immense low grade deposits, favorable for intersecting enrichments and capable of producing enormous tonage for a great many years.

There are many more important features of this property such as transportation, power, timber, etc. that makes this property one of merit and under proper management should be one of our future important producers of South Eastern Alaska. I may say in closing this breif report that I do not attach much importance to the Jackson, Keith, on Jensen tunnel in the future development of this immense low grade property, but as I have shown on my crude map the intersecting veins are of the utmost importance and should be very favorable for enrichments thus making the region ore zone a much higher value in gold content than can be obtained from samples taken at random, here and there. When I say that gold, galena, zinc, and iron are primary minerals, with a few unimportant exceptions, of this deposit, I state

this deposit, I state these reasons. Glacial erosion has been to rapid for the agents that produce secondary enrichments, leaving the primary and unoxidized ones exposed, with certain exceptions, also unimportant.

I did not have the opportunity to give any geological time to the large back zone, as you will notice. The back zone is also on your property.

Respectfully yours,