

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Juneau

The McKecknie Prospect. - *KX 112-15*
Howard Bay
Juneau Precinct.

Examined by J. G. Shepard.
May 1926.

The McKecknie prospect is situated on a rock point at the right side of the head of Howard Bay. The vein outcrops at tide water.

The deposit is a replacement vein in gray limestone. The ground in the immediate vicinity of the vein has been badly disturbed and contorted.

The vein strikes N 10° W. mag. and dips vertically. Two open cuts have been made on the vein, from which seven tons of ore was shipped to the Tacoma Smelter by former owners. This ore is reported to have assayed 44 oz. silver, \$ 1.50 gold, 3½% Cu., and some zinc. The vein is from 8 inches to 2 ft. wide and is exposed for a length of 50 ft.



Showing upper cut
and position of
vein.



Showing strike of vein
from the beach

Minerals observed were Chalcopyrite, sphalerite, a small amount of pyrite, and possibly a small amount of tetrahedrite.

The accompanying sketch shows sample values and locations.

TERRITORY OF ALASKA
DEPARTMENT OF MINES
JUNEAU, ALASKA

Excerpt from
Annual Report of the Territorial Mine Inspector
to the Governor of Alaska - 1921 (p. 48)
(B. D. Stewart, Territorial Mine Inspector)

LYNN CANAL

HOWARD BAY PROSPECTS:

Howard Bay is a small inlet at the extreme southerly end of the peninsula bordering Lynn Canal on the west and terminating in Icy Strait at Point Couverdeen. Its entrance lies almost directly across Chatham Strait from the mouth of Funter Bay on Admiralty Island. Prospecting work was conducted in this vicinity during several months of the year for Juneau parties. On a small high-tide island at the head of the bay a ledge carrying silver, lead and zinc was developed for two or three hundred feet along its strike by means of open cuts and shallow shafts.

Prospecting was also carried on in the mountainous region bordering the head of the bay, but no finds of particular importance were reported.

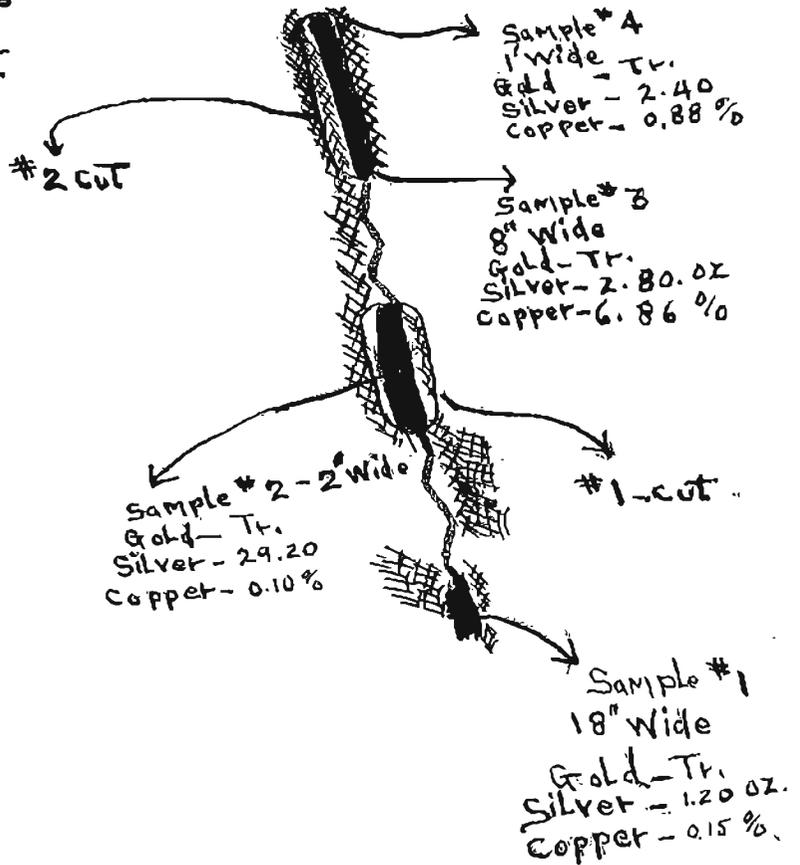
Mag. N.



Sketch Showing Cuts and Vein Samples AT McKecknie Prospect Howard Bay

May 1926 By
J. G. Shepard
U. S. G. S.

Scale
1" = 10'



Commerce

~~XXXXXXXXXXXXXXXXXXXX~~

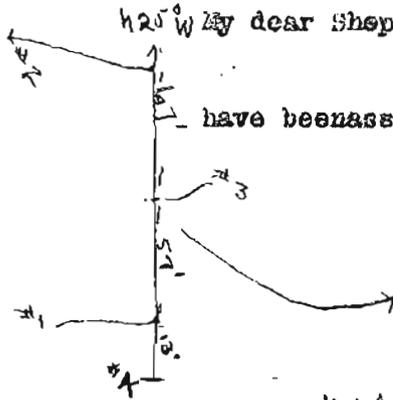
~~XXXXXXXXXXXXXXXXXXXX~~

June 17, 1926.

Mr. J. G. Shepard,
U. S. Geological Survey,
Juneau, Alaska.

My dear Shepard;

Your samples received yesterday by express
have been assayed for gold and silver, with results as follows;



Sample	oz. per ton		
	Gold	Silver	
Cox #1	3.04	0.40	13' h.w. of #4 sample - 10" wide
Cox #2	1.12	0.30	h.w. Exposure of vein
Cox #3	trace	trace	67' S.E. of #2 sample
Cox #4	15.28	2.40	S.E. end of vein, Expos. 10" wide
McKecknie 1	trace	29.20	
McKecknie 2	trace	1.20	
McKecknie 3	trace	2.80	
McKecknie 4	trace	3.40	
McKecknie, Dump	trace	36.20	
Smith #1	0.12	11.90	across ledge on surface

The other determinations asked for will be made
as soon as possible, probably within a week.

Very truly yours,

Paul Hopkins,
Anal. Chemist and Mineralogist.

HOWARD BAY
SILVERTON NO. 1 LODE

The enclosed paragraph with regard to a property at Howard Bay describes briefly a vein that carries some zinc. This outcrop was at one time, many years ago, covered by a claim that was held by Chas. Goldstein and Associates of Juneau. In 1942 it was re-examined by Mr. Roehm, whose notebook record shows that he took two samples from the outcrop, the assay returns on which were as follows:

	Au	Ag	Pb	Zn	Cu	Mn
Sample 1052	0.10	0.5	Tr.	1.2	9.4	1.0
Sample 1053	0.04	12.8	Tr.	5.3	3.3	0.9

It was reported to Mr. Roehm that a shaft had been sunk on the deposit to a depth of 20 feet, but this, as well as the open cuts that had been dug, were filled and overgrown with vegetation and could not be sampled. The vein, which is brecciated cuts across arcillite-shale and limestone-shale conglomerate bedrock. It is reported to range from $2\frac{1}{2}$ to $4\frac{1}{2}$ feet in width.

So far as we know it has never been traced beyond the tide-line limits of the small islet on which the outcrop occurs. At the time of Mr. Roehm's visit the property was known as the Silverton No. 1 Lode and was held by Mr. Fox and associates of Douglas. Mr. Fox has since then left Alaska and so far as we know the ground is now open,

(above undated memorandum written by B. D. Stewart)

THE MC KECKNIE PROSPECT
HOWARD BAY

Examined by J. G. Shepard
May 1926

The McKecknie prospect is situated on a rock point at the right side of the head of Howard Bay. The vein outcrops at tide water.

The deposit is a replacement vein in gray limestone. The ground in the immediate vicinity of the vein has been badly disturbed and contorted.

The vein strikes N 10° W. mag. and dips vertically. Two open cuts have been made on the vein, from which seven tons of ore was shipped to the Tacoma Smelter by former owners. This ore is reported to have assayed 44 oz. silver, \$1.50 gold, $3\frac{1}{2}\%$ Cu., and some zinc. The vein is from 8 inches to 2 ft. wide and is exposed for a length of 50 ft. Minerals observed were chalcopyrite, sphalerite, a small amount of pyrite, and possibly a small amount of tetrahedrite.

(See also - McKechnie Prospect -
Howard Bay - by Shepard - 1926)

The enclosed Paragraph with-
 regard to a property at Howard Bay
 describes briefly a vein that carries
 some zinc. This outcrop was
 at one time, many years ago, covered
 by a claim that was held by
 Chas. Goldstein and associates of
 Jerome. In 1942 it was re-examined
 by Mr. Roehm, whose notebook
 record shows that he took two
 samples from the outcrop, the
 assay returns on which were as
 follows: -

Au - Ag - Pb - Zn - Cu - Mn.

Sample ^{no} 1052 -	0.10	0.5	Zn - 1.2	9.4	1.0
Sample ^{no} 1053 -	0.04	12.8	Zn - 5.3	3.3	0.9

It was reported to Mr. Roehm that a
 shaft had been sunk on the deposit
 to a depth of 20 feet, but this, as well
 as the open-cuts that had been dug, were
 filled and overgrown with vegetation
 and could not be sampled. The
 vein which is brecciated into a coarse
 argillite - shale and limestone - shale
 conglomerate bedrock. It is reported
 to range from 2 1/4 to 4 1/2 feet in width.

As far as we know it has never
been traced beyond the tide-line
limits of the small islet on which
the antechamber occurs. At the time of
Mr. Rochon's visit the property was
known as the Silverton No. 1 Lode and
was held by Mr. Fox and associates
of Douglas. Mr. Fox has since
then left Alaska and so far as
we know the ground is now open.