

PE-109-05

STATE OF ALASKA
DIVISION OF MINES AND MINERALS

PROPERTY EXAMINATION REPORT
H. STELTING IRON PROSPECT, HAINES, ALASKA
SKAGWAY QUADRANGLE

WILLIAM H. RACE
State Mining Engineer

October 1963

PROPERTY EXAMINATION REPORT

H. STELTING IRON PROSPECT, HAINES, ALASKA

SKAGWAY QUADRANGLE

INTRODUCTION

The Stelting iron prospect is 1 1/2 miles southeast of Haines, Alaska, near U.S.C. & G.S. monument Deshu. The monument is on the north end of the centerline between claims Mag #1 and Mag #2. The south limit of the claims is the section line T 30 S. Stelting and his partner Roth also hold a prospecting permit on the section south of the claims. The State of Alaska owns the ground the claims are on and have selected the area on which the prospecting permit is held, but patent has not yet been obtained. The Klukwan iron claims are north of Haines.

The Stelting prospect was examined October 1 and 2, 1963, by William H. Race, Mining Engineer, Division of Mines and Minerals. A Sharp dip needle was used to traverse the claimed area. Geochemical and rock samples were taken as indicated on the accompanying maps.

GEOLOGY AND MINERAL DEPOSITS

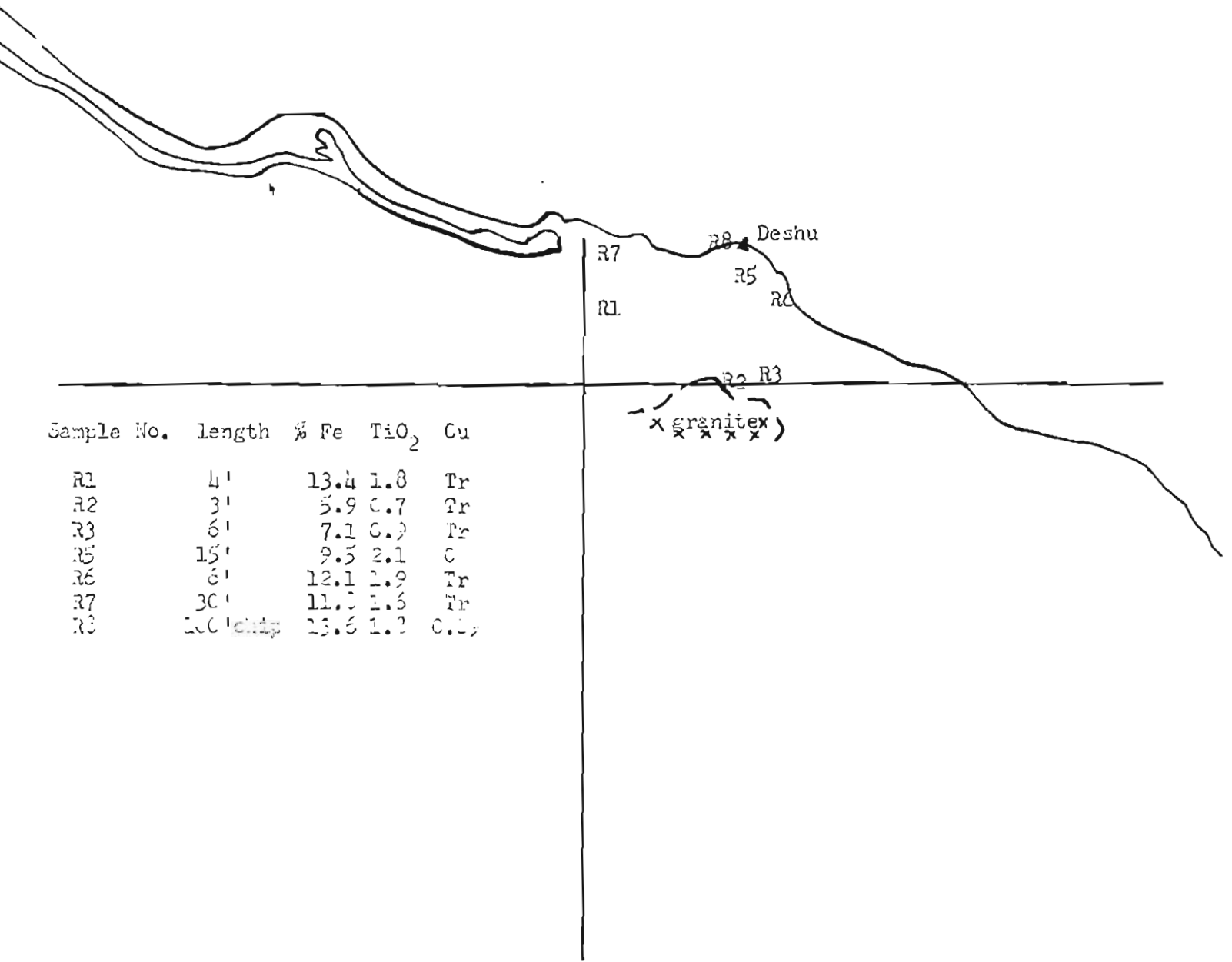
The geology of the Haines area is described in U.S.G.S. Bulletin 699, The Porcupine Gold Placer District, Alaska by Henry M. Eakin, 1919. The rocks outcropping on Stelting's claims consist of crystalline diorites, dunite, gabbro, and granite. Mafic dikes are seen occasionally on the beach as are occasional quartz veins. The gabbro is composed of large hornblende crystals and pyroxene with little magnetite grading to little hornblende and much magnetite. In some places the magnetite is finely disseminated and at other places pieces of magnetite up to two inches across are found. Pillow structure was noted near Deshu. Copper oxide was seen on the face of one cliff but only a trace of copper was found in a sample taken nearby.

Dip needle readings are similar to those obtained at Snettisham with the same instrument and are similar to those obtained by J.A. Williams on the Klukwan deposit. Assay returns (see attached sheet) indicate the iron and titanium content to also be similar to Klukwan.

CONCLUSION

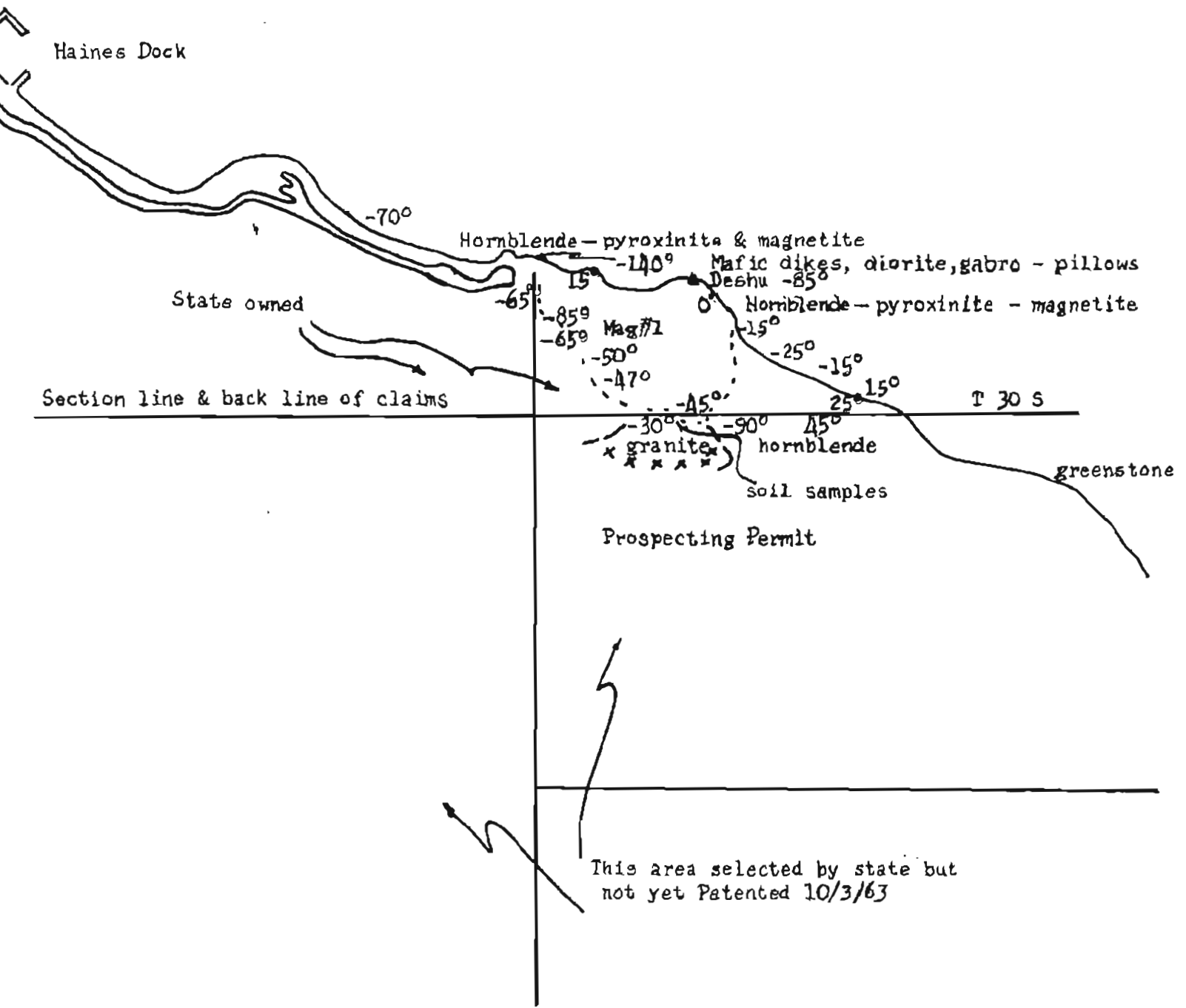
If a market should develop ^{for} ~~of~~ titaniferous iron ores, the deposit could be mined and easily loaded since it is on the beach near deep water. Unless, though, this market develops in the near future, the town of Haines will gradually overrun the deposit. The State will no doubt develop the area for residential and recreational uses. The highest reading of -180° was obtained on the other side of the peninsula near the Chilkoot graveyard, or approximately $1 \frac{1}{4}$ miles east of Deshu. If this occurrence is a continuation of the Stelling magnetite, there are several million tons of iron reserves not included in the Klukwan reserve.

Scale 1" to 1000'



Sample No.	length	% Fe	TiO ₂	Cu
R1	4'	13.4	1.8	Tr
R2	3'	5.9	0.7	Tr
R3	6'	7.1	0.9	Tr
R5	15'	9.5	2.1	C
R6	6'	12.1	1.9	Tr
R7	30'	11.7	1.6	Tr
R8	100' strip	13.6	1.3	0.0%

Scale 1" to 1000'



Division of Mines
 and Minerals

Form M-1-8-62-3M

Assay Office Anchorage, Alaska

Date November 29, 1963

REPORT OF ASSAY

On samples received from Mr. Bill Race - Div. of Mines & Minerals

Address Box 1391 - Juneau, Alaska

Assay No.	Sample Marked	OUNCES PER TON		Value per Ton	Percentage of
		GOLD	SILVER		
					<u>IRON</u>
15934	R-1				13.4%
15935	R-2				5.9%
15936	R-3				7.1%
15937	R-4	no sample 4 submitted. Thought to be part of 5			12.4%
15938	R-5				9.5%
15939	R-6				12.1%
15940	R-7				11.8%
15941	R-8				13.6%
					<u>TiO₂</u>
15934-A	R-1				1.8%
15935-A	R-2				0.7%
15936-A	R-3				0.9%
15937-A	R-4				1.7%
15938-A	R-5				2.1%
15939-A	R-6				1.9%
15940-A	R-7				1.6%
15941-A	R-8				1.8%
					<u>COPPER</u>
15934-B	R-1				Trace
15935-B	R-2				Trace
15936-B	R-3				Trace
15937-B	R-4				0.10%
15938-B	R-5				Nil
15939-B	R-6				Trace
15940-B	R-7				Trace
15941-B	R-8				0.09%

NOTE: Trace indicates less than 0.05% copper.

REC'D. JUNEAU
 DEC 3 1963
 Div. Mines & Minerals

I.W. Mitchell Assayer.

REPORT OF ASSAY

On samples received from Bill Race

Address D M & M, Juneau

Assay No.	Sample Marked	OUNCES PER TON		Value per Ton	Percentage of
		GOLD	SILVER		
		ml. of dye*	Zn	Pb	Cu
17010	MAG #1	6	Present	Nil	Nil
17011	MAG #2	10	Present	Nil	Nil
17012	MAG #3	12	Present	Nil	Nil
17013	MAG #4	9	Present	Nil	Nil
17014	MAG #5	20	Present	Nil	Nil
17015	MAG #6	9	Present	Nil	Nil
17016	MAG #7	15	Present	Nil	Nil

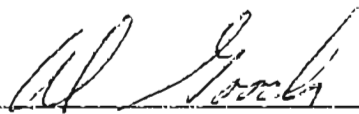
*Relative indication only

This return received after writing report on Stelting's prospect. It does not increase the value of the property since the only metal found is zinc and that not in sufficient quantity. WER

REC'D. JUNEAU

DEC 9 1963

Div. Mines & Minerals


 Assayer.

SKAGWAY (A-2) QUADRANGLE
ALASKA

1:63 360 SERIES (TOPOGRAPHIC)

ISKAGWAY B-11

