

Received from A. Hitchcock  
Nov. 17/66

THE INTERNATIONAL NICKEL COMPANY OF CANADA, LIMITED

MINING AND SMELTING DIVISION, COPPER CLIFF, ONTARIO

FOR INTER-OFFICE AND HEAD-OFFICE CORRESPONDENCE ONLY - USE SEPARATE SHEET FOR EACH SUBJECT - QUOTE ALL NUMERALS

Via Betty

TO: H. W. Thrall (H. E. Vuori)  
FROM: S. P. Pattison  
SUBJECT: SILVER STANDARD MINES, SNIPPACKER CREEK, B.C.

DATE: September 3, 1966.

REPLY TO
GEOLOGICAL DEPARTMENT
GENERAL
IN YOUR REPLY REFER TO
FILE NO. 12

No. 18117

801101

Location: Silver Standard Mines, Snippacker Creek, B.C.

Remarks: Large phenocrystic grains of olivine and orthopyroxene are set in a relatively f.g. matrix of plagioclase and ophitic clinopyroxene. Most of the mafic minerals are largely altered to serpentine, chlorite, tremolite, carbonate. The olivine is optically positive which indicates it is more magnesian than FO-90.

Classification: Altered olivine gabbro.

No. 18120-1 & -2

Location: Ditto above; -1 BH-3 @ 201' - -2 BH-3 @ 387'.

Remarks: Both samples quite similar to 18117. They consist of large porphyritic olivine grains now largely altered, which are set in a matrix of needle plagioclase grains and ophitic clinopyroxene. The texture suggests that olivine is an early mineral with plagioclase and clinopyroxene crystallizing later, perhaps from an inter-precipitate liquid. *early deuteric.*

Classification: -1 & -2 - Altered olivine gabbro.

S-P  
EFP/la

RECEIVED  
OCT 15 1966

.....EFP.....

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THE INTERNATIONAL NICKEL COMPANY OF CANADA, LIMITED

MINING AND SMELTING DIVISION COPPER CLIFF, ONTARIO

FOR HEAD OFFICE AND HEAD OFFICE CORRESPONDENCE ONLY USE SEPARATE SHEET FOR EACH SUBJECT UNIT ALL COMMUNICATIONS

TO: G. W. Thrall (H. F. Vuori),

DATE

September 12, 1960

FROM: E. F. Pattison,

REFLECTED TO <b>GEOLOGICAL PROPERTY FILE</b> IN YOUR REPLY REFER TO FILE <u>T. 120</u>
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SUBJECT: SILVER STANDARD MINES, B.C.

No. 18118-1 & -2

Location: Silver Standard Mines, Snippacker Creek, B.C.;  
 -1 - BH-1 @ 15', -2 - BH-1 @ 135'.

Remarks: -1 - Inclusion-bearing porphyritic olivine gabbro. Ground-mass very similar to 18117 and 18120-1, -2. Inclusions are a finer grained olivine gabbro.  
 -2 - Porphyritic olivine gabbro.

Classification: -1 & -2 - Porphyritic olivine gabbro.

No. 18119-1 & -2

Location: Ditto - -1 - BH-2 @ 125', -2 - BH-2 @ 230'.

Remarks: Both samples are inclusion-bearing, porphyritic olivine gabbros, similar to 18118-1.

Classification: -1 & -2 - Porphyritic olivine gabbro.

No. 18121-1

Location: Ditto - BH-4 @ 100'.

Remarks: A very fine grained talc-chlorite rock with numerous small quartz grains disseminated throughout the specimen and with abundant iron oxide. Probably a metamorphosed dacite with ande but could also be an altered ultrabasic.

Classification: Meta-dacite?

No. 18121-2 (P.S.)

Location: Ditto - BH-4 @ 240'.

Hand Specimen: Massive sulphides.

Remarks: Very simple mineralogy. Coarsely crystalline pyrrhotite, is the predominant sulphide with about 15% each of pentlandite and chalcopyrite. Some subhedral magnetite is associated with the op.

Classification: Po, pn, cp, wt.

EFP/la

*Handwritten initials*

*Handwritten signature*

COPY

To: H. F. Vuori  
From: G. Bray

September 8, 1966

Re: Silver Standard Mines, Shipyacker Creek, B.C.

cc No.	Sample No.	Cu	Pb	S	Pd	Pt	O. Pass	Au	Total PPMs
938336	HV199	.36	.47	1.42	.004	Nil	Nil	Nil	.004
938337	HV200	1.73	5.51	24.8	.010	.007	Nil	.005	.022
938338	HV201	3.56	5.83	24.0	.049	.020	Nil	.006	.075
938339	HV202	1.97	5.31	24.0	.018	.009	Nil	.001	.027

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