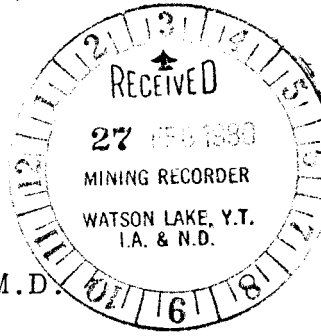




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IONA SILVER MINES LTD.

Trenching Report

"A" Group of Claims, 105-F-9, Watson Lake M.D.

August 27 - October 1, 1979

1. Introduction:

A number of trenches were cut on the A group of claims between August 27 and October 1, 1979.

The purpose of these claims was to open up some areas where high lead soil samples had been encountered.

All areas exhibited permafrost and work was conducted intermittently to let the soil thaw between successive periods of trenching.

In one area, a showing had been found which appeared to be in place, but was subsequently found to have no root; the occurrence was called the Pussy Cat on M.C. A-8.

All other trenches only opened up frozen ground and these trenches had to be left for deepening during the 1980 field season

Trenching was conducted with a D-7.

2. Schedule:

The schedule of trenching was as follows:

Claim A-5 - Pussy Cat: Moderate Permafrost

August 28 - September 30, 1979 - 46 hours

"float" sample number 3175

130' x 100' x 7' = 91,000 cft - sample 3514

160' x 16' x 8' = 20,480 cft - sample 3513

111,480 cft = 4,129 c.y.

Claim A-1: Strong Permafrost

September 2 - September 28, 1979 - 32 hours

530' x 16' x 5' = 42,400 cft

190' x 12' x 1' = 2,280 cft - no samples

170' x 12' x 2.5' = 5,100 cft

49,780 cft = 1,804 c.y.

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IONA SILVER MINES LTD.

Trenching Report

"A" Group of Claims, 105-F-9, Watson Lake, M.D.

August 27 - October 1, 1979

2. Schedule continued:

Claim A-7: Strong Permafrost

October 1, 1979 - 10 hours
35' x 50' x 2' = 3,500 cft
40' x 60' x 2' = 4,800 cft - no samples
16' x 20' x 2' = 640 cft
8,940 cft = 331 c.y.

Total cubic yards: 4,129 + 1,804 + 331 = 6,264 c.y.

Total cat hours: 46 + 32 + 10 = 88 hours

Actual cost: 88 hours at \$98.00 per hour = \$ 8,624.00

Representation work value: 6,264 c.y. x \$1.50 = \$9,396.00

3. Material Excavated:

Frozen clay and boulders of decomposed rock of local derivation, minor gravelly patches; heavily oxidized bedrock on claim A-5.

<u>Assays:</u>	<u>oz/T Au</u>	<u>oz/T Ag</u>	<u>%Pb</u>	<u>%Zn</u>
3175	.005	21.36	32.72	.07
3153	tr	2.04	2.35	1.10
3514	tr	.44	.49	1.18

Respectfully submitted,



P.H. Sevensma, Ph.D., P.Eng.

PHS/lm

CAT HOURS TRENCHING

A-5:

August 28	6 hours
August 29	6 hours
September 1	6 hours
September 7	4 hours
September 9	4 hours
September 29	10 hours
September 30	<u>10 hours</u>
	46 hours - total

A-3:

September 2	10 hours
September 3	10 hours
September 24	6 hours
September 28	<u>6 hours</u>
	32 hours - total

K-18 Area: (trench 7)

August 27	6 hours
September 9	6 hours
September 10	10 hours
September 25	<u>10 hours</u>
	32 hours - total

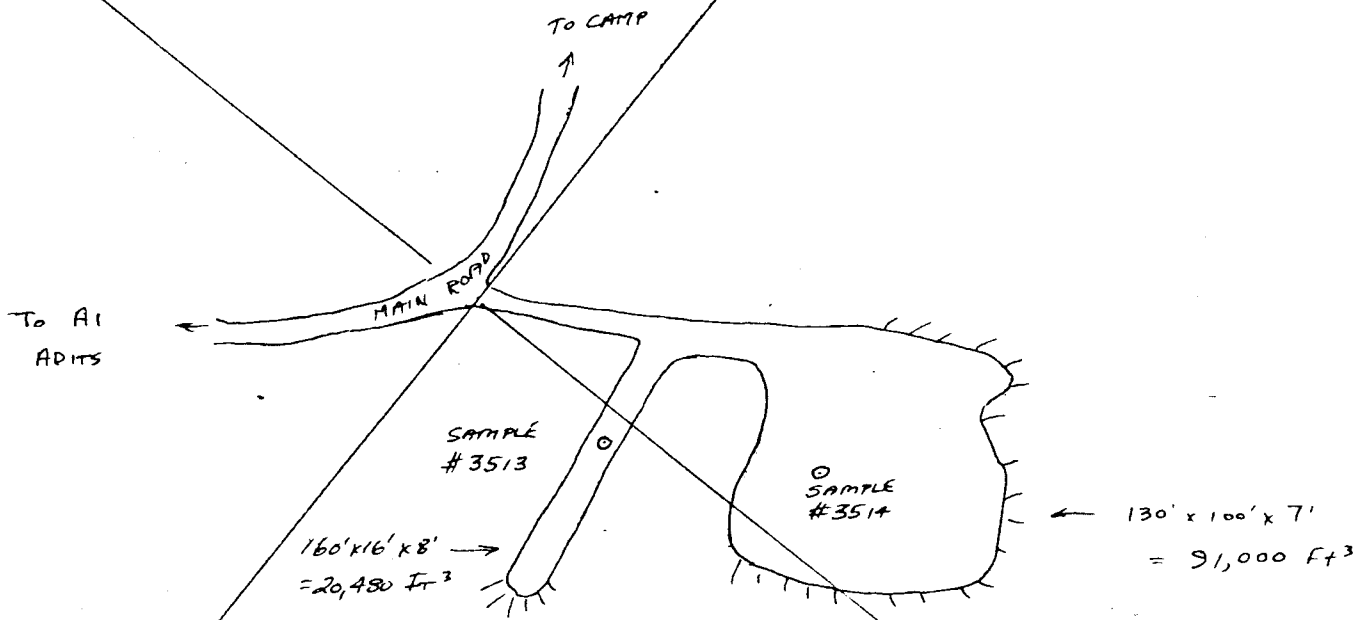
K-18 Area: (trench 2)

August 30	12 hours - total
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A-7 & 6:

October 1	10 hours - total
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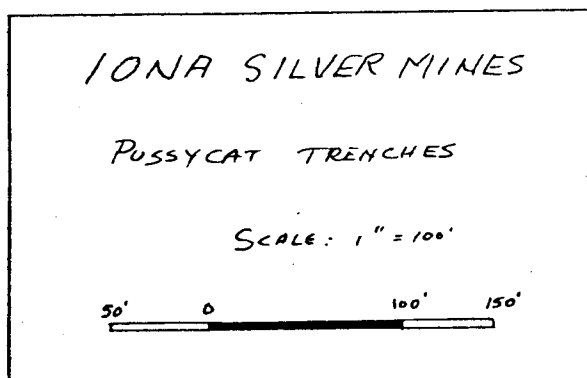
M. Stevens



TOTAL VOLUME TRENCHED
 = 20,480 Ft³
 + 91,000 "

 111,480 Ft³ SAY 112,000 Ft³

NOTE: BEDROCK EXPOSED WAS HEAVILY OXIDIZED
 WITH INFREQUENT OCCURRENCES OF
 GALENA AS SPECK (1/32"). NO READABLE
 STRIKE OR DIP.



W. J. Johnson

FIG. 2

170' x 12' x 2.5' →

190' x 12' x 1' →

VOLUME TRENCHED

MAIN TRENCH 530' x 16' x 5' = 42,400 Ft³
 170' x 12' x 2.5' = 5,100 "
 190' x 12' x 1' = 2,280 "

TOTAL = 49,780 Ft³

SAY 50,000 Ft³

NOTE: NO BED ROCK ENCOUNTERED DUE TO PERMA FROST

← TO A1 PORTALS APPROX. 1 MILE

A1 A3
 A2 A4

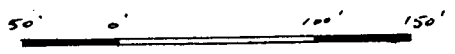
→ TO CAMP →

N

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TRENCH NEAR POSTS OF A1+A2 (N^o 2 POST) A3+A4 (N^o 1 POST)

SCALE 1" = 100'



A handwritten signature in cursive script, likely 'D.P. Holmstrom'.

Fig. 3.

