$ Can; Au = $37.75/oz. Snowshoe, Feb /67.

1.08 Ag = $1.40/oz 800995

Pb = 0.15/lb = 3.00 per unit

Zn = 15.5 / lb = 3.10 / unit

	Au	Ag	Pb	Zn
4.0' x .035 = 0.140	x 21.35 = 85.40	x 10.7 = 42.80	x Tr = 0.00	
5.0 x 0.10 = 0.500	x 3.70 = 18.50	x 0.95 = 4.75	x Tr = 0.00	
4.0' x 0.06 = 0.240	x 2.50 = 10.00	x 0.60 = 2.40	x Tr = 0.00	
3.0' x 0.24 = 0.720	x 95.75 = 287.25	x 17.47 = 52.41	x 7.75 = 23.25	
4.0' x 0.06 = 0.240	x 24.10 = 96.40	x 5.85 = 23.40	x 0.27 = 1.08	
3.0' x 0.015 = 0.045	x 4.50 = 13.50	x 0.70 = 2.10	x Tr = 0.00	
23.0	23) 1.885	23) 411.05	23) 127.86	23) 24.33
3.83'	0.082	17.9	5.5	1.06

(margin: 410' strike-length; 360')

410' x 3.83 @ 0.082 Au 17.9 Ag. 5.5 Pb. 1.06 Zn

@ 11 c.f./T. = 143 Tons per v.f. -

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for 360' strike-length

20	1.840	397.55	125.76	24.33

4.0' x 360' @ 0.092 oz/T Au; 19.88 oz/T Ag. 6.3 % Pb. 1.2 % Zn.

@ 11 c.f.t. = 130+ Tons/v.f.

Gross Values; -

		Gross		
Au	= 0.092 x 37.75 =	$3.47	@ 95% =	~~3.30~~
Ag	= 19.88 x 1.40 =	27.83	@ 90% =	~~25.05~~
Pb	= 6.3 x 3.00 =	18.90	@ ~~75%~~ =	~~14.18~~
Zn	= 1.2 x 3.10 =	3.72	@ 50%	~~1.86~~
Gross Value/T. (excl. [illegible] Cd.)	=	$53.92		$40.00 Net Smelter.

net - 44.00
Costs - 30.00
Profit -- $14.00
per 100' depth
13,000 x 14.00 = 182,000
for 360' $655,200

assumed $\frac{2}{3}$ gold → Pb Conc, $\frac{1}{3}$ → Zn Conc.
$\frac{3}{4}$ silver — — Pb Conc ; $\frac{1}{4}$ → Zn Conc

100 Tons ore yields

			Pb Conc. Recovered
Au;	100 × .092 oz = 9.2 oz	→ 90%	= 8.28 oz
Ag,	" × 19.88 = 1988 oz	→ 90%	= 1790 oz
Pb,	" × 126# 12,600#	→ 90%	= 11,340#
Zn,	" × 24# 2,400#	→ 80%	= 1,920#

Distribn Recovered metal:

	Pb. Conc.	Zn. Conc
Au. (8.28 oz)	$(\frac{2}{3})$ = 5.52 oz.	$(\frac{1}{3})$ = 2.76 oz.
Ag. (1790 oz)	$(\frac{3}{4})$ = 1345 oz.	$(\frac{1}{4})$ = 445 oz.
Pb (11,340#).	(95%) = 10,780#	5% = 560#
Zn (1920#)	(5%) = 95# 10987#	(95%) = 1825# 2422#
Gangue etc ±10% ea.	— 1013#	238#
	$W_{Pb\,conc}$ = 12,000#	$W_{Zn\,conc}$ = 2660#
	= 6 dry tons	= 1.33 dry tons
@ 10% H2O — — —	(= 6.6 wet tons) ;	(1.5 wet tons)

Ironshot Feb/67

Net Smelter value Pb Cons; from 100 tons ore; (C.mo 5.)

prices: Gold, net = $36.64/oz., Silver, - $1.38/oz.
Lead, net 10.5¢/lb Zinc - 7.1¢/lb.

Contents & Value;

Gold,	5.5 oz. x $36.64	$202.50
Silver,	1345 oz x $1.38	1858.00
Lead,	10,780# x $.105	1131.00
Zinc,	95# x $.071	6.75
	Gross value, contents	$3198.25

Less Treatment 6 d.T. x $12.50 = 75.00
Rly Frgt. 6.6 w.T. x 25.50 = 168.30
Cons. Trucking 6.6 wt x 0.50 = 3.30 — $246.60
Net Smelter - $2951.65 ←

Net Smelter Value Zn Cons from 100 tons ore (C.mo 5).

prices: Gold, - $36.64/oz; Silver, $1.38/oz.
Zinc, - 10.01¢/lb.; lead 7.75¢/lb.

Contents & Value;

Gold	2.76 oz x 36.64	= $101.00
Silver	445 oz (356) x 80% x $1.38	= 492.00
Zinc	- 1825# x 81% x $0.101	= 149.20
Lead	= 560# x 52½% x $0.0775	= 22.80
	Gross Value contents	$765.00

Less Treatment; 1.33 d.T @ 15.00 = $19.95
Rly frght - 1.5 w.T. @ 20.00 = 30.00
Cons Trucking 1.5 wt. @ 0.50 = 0.75 — 50.70
Net Value — 714.30

Pb + Zn Cons / 100 tons ore; Total — = $3665.95
Net Smelter Value per ton ore — $36.66 ←
add poss. Col. & Silica-lime Cr — = $40.00/ton
& better grade Pb & Zn Cons than
those forming basis of above calc.

Snowshoe, Feb 1967.