

WEIGHTED AVERAGE ASSAY OF D.P. CORE (65 LBS) ①

SHIPPED TO THE CALIHER COMPANY FOR METALLURGICAL TESTS.

008724

SWIM LAKES "A" GROUP, V.T.

Oct. 11/67

HOLE No.	FOOTAGE		FEET		ASSAYS					WEIGHTED ASSAYS (Rec. x Assay)					REMARKS	
	From	To	LENGTH	RECORDED	Pb%	Zn%	Cu%	Ag%	Mo%	Pb	Zn	Cu	Ag	Mo	ORE TYPE	OTHERS
A-10 (ALL AX size Core)	356.2	360.9	4.7	4.7	Trace*	3.24	4.0	5.0	0.19*	15.228	18.80	23.50			Qtz-Graph (low) Schist 25% pyr 40% gts 2% graphite 11% pyro 3-4% mag. Banded.	Sericite totally replaced * Assay of 356.2 → 378.0
	360.9	362.0	1.9	1.9		1.76	2.1	5.1		3.344	3.99	9.69				
	418.0	423.0	5.0	5.0	*	0.56	1.2	5.5	0.12*	0.100	2.800	6.00	27.50	0.600	Qtz (low) Schist 25% pyr 2% pyro 40% gts Pb-Zn mineralization in bands, stringers, blotches, etc. Recrystallized + re-oxidized	Sericite totally replaced, * Assay of 408.4 → 423.0
			11.6	11.6		1.84	2.48	5.23		21.372	28.79	60.69				
A-10 Rec. x Assay x Core Size (x 1.16)						1.84	2.48	5.23		21.372	28.79	60.69				
A-20 (BX size Core)	160.0	164.0	4.0	4.0		1.48	3.8	7.5		5.920	15.20	30.00			Massive Sphale 75% pyr, f.g. 10% gts Banded + dissem. Pb-Zn.	
			4.0	4.0		1.48	3.8	7.5		5.920	15.20	30.00				
A-10 and A-20			15.6	15.6		1.75	2.82	5.81		27.292	43.99	90.69				
A-20 Rec. x Assay x Core Size (x 1.4)						1.48	3.8	7.5		8.288	21.28	42.00				
A-10 and A-20 Rec. x Assay x Core Size			17.2			1.73	2.91	5.97		29.660	50.07	102.69				

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REPRESENTATIVE SAMPLE OF SWISS LAKES "A" CATEGORY (3)
 FOR METALLURGICAL TESTS
 FROM DIAMOND DRILL CORE.

Oct. 11/67

(A) Selected 4 D.D. holes to represent the following conditions:

- ① Two zones
- ② Separate horizons
- ③ Various types of mineralization — coarse and f.g. sulphides
 — different type of gangue
- ④ Grade of Pb+Zn approx. 8-10% combined.
- ⑤ Weighted averages (by volume) of above 4 conditions.

Zone #1

A-4 = 22' of AX Core = 22.0'
 A-29 = 13.4' BX Core = $13.4 \left(\frac{1.4}{1}\right) = 18.76'$ AX. vol. equiv.
 40.76'

$$= \frac{40.76}{57.92} \times 100 = 70.4\%$$

by vol.

Zone #2

A-18 = 11.6' AX Core = 11.6'
 A-20 = 4.0 BX " = $4(1.4) = 5.6'$ AX. vol. equiv.
 17.2'

$$= \frac{17.2}{57.92} \times 100 = 29.6\%$$

by vol.

* AXWL core size = $1\frac{31}{64}$ " diam.
 * BXWL " " = $1\frac{13}{32}$ " diam. } Ratio of Area = 1.402
 (BX/AX)

J. Shaw