SANTA MARIA

H.W. Vein System – assays (prelim cut-off @ ~~1.0~~ 0.8 % Cu.) – equiv.

801262

(C)	~~4.5'~~	~~@~~	~~0.45 Ag~~	~~2.22~~	~~0.80 Cu.~~	~~3.60~~
(T)	✓ 8.0'	@	3.80	30.40	4.67	37.40
(C)	✓ 10.0'	@	3.52	35.20	4.10	41.00
(C)	✓ 5.0'	@	1.54	7.70	2.93	14.65
(C)	✓ 16.0'	@	1.04	16.30	1.37	21.95
(C)	✓ 15.0'	@	1.04	15.60	1.41	21.15
(T)	~~4.0'~~	~~@~~	~~0.45~~	~~1.80~~	~~0.79~~	~~3.16~~
(T)	✓ 8.0'	@	1.81	14.48	4.54	36.32
(C)	✓ 9.0'	@	1.70	15.30	4.69	42.21
(C)	✓ 4.0'	@	1.40	5.60	5.12	20.48
(C)	✓ 7.0	@	0.98	6.86	4.06	28.42
(C)	✓ 8.0'	@	0.65	5.20	2.25	18.00
~~(C)~~	~~3.5'~~	~~@~~	~~0.30~~	~~10.50~~	~~0.90~~	~~3.15~~
(T)	✓ 12.0'	@	0.94	11.38	3.76	45.00
(T)	✓ 5.0'	@	1.25	6.25	5.60	28.00
~~(T)~~	~~✓ 2.0~~	~~@~~	~~18.10~~	~~36.20~~	~~0.43~~	~~0.86~~
(C)	✓ 3.5	@	0.34	1.19	1.33	4.65
(T)	✓ 10.0	@	0.42	4.20	1.20	12.00

Margin calculation: 55.6 / 1.02 / 1112 / 5560 / 56.72

Σ 18 — weighted avg width & metal content

Cut off @ 0.80 %

18) 134.5 ✓ — 7.5' @

226.38 → 1.68 Ag

$1.68 \times 1.85 = \$3.11 \rightarrow \frac{3.11}{11.40} = 0.27$

382.00 → 2.84 Cu.
+ 0.27
= 3.11 % Cu-equiv.

Cut off @ 1.0 % :

15) 122.5 ✓ — 8.16'

211.86 → 1.73 Ag

$1.73 \times 1.85 = \$3.20 \rightarrow \frac{3.20}{11.40} = .28$

372.04 → 3.04 Cu.
+ .28
= 3.32 % Cu-equiv.

Curr. prices
Cu = 0.57 or \$11.40 per 1% unit.
Ag 1.85

1-3 more-or-less parallel veins – with schist & mont. intrusions most being the one most closely related to the volc-intr. contact; locally within the [illegible] or in the volcs. – ~~[illegible]~~ most of study 4H-6X

SANTA MARIA

F.W. Vein system – assays : preliminary cut-offs ? 0.50% Cu.

(T.)	~~4.0'~~	~~@ 0.80 Ag~~	~~3.20~~	~~0.41 Cu.~~	~~1.64~~
(T)	13.0'	@ 0.14	1.62	1.64	21.30
(T)	1.85'	@ 7.6	14.08	8.6	1.59
(T)	1.0'	@ 0.72	0.72	0.66	0.66
(T)	5.0'	@ 0.26	1.30	0.68	3.40
(T)	10.0'	@ 0.41	4.10	0.57	5.70
(T)	~~5.5~~	~~@ 0.08~~	~~0.44~~	~~0.42~~	~~2.31~~
(T)	~~6.0~~	~~@ 0.09~~	~~0.54~~	~~0.40~~	~~2.40~~
(T)	2.2'	@ 0.04	0.09	2.01	4.42
(T)	10.0'	@ 0.20	2.00	1.38	13.80
(T)	~~10.0~~	~~@ 0.20~~	~~2.00~~	~~0.11~~	~~1.10~~
11)	68.55		30.09		61.32
	6.2'	@	0.44		0.9%

7) 43.05 → 23.91 → 50.87

6.15

6.2'

→ 0.55 Ag.

1.18% Cu.

0.55 × 1.85 = 0.466 = 466/11.40

.04

1.22% Cu-equiv.

34.82

.75