

SUMMARY OF ALL EXISTING PRIVATE REPORTS

(all rather barren of good geological analysis)

Suggested Exploration - Exclude unaid'd exploration until surface exploration has been adequately accomplished.

GENERAL: Prospect strike extensions of ^{the most impressive} all bodies or veins by the most rapid & economical means possible as (with the exception of the ^{older development of the} Wellington veins) too much money has already been spent via long crosscuts and short drifts (insufficient funds left from X-cut drives to do commensurate amount of drifting) chasing "hopeful" long projections of relatively small ore bodies - too little geological

"DETAILED" RECOMMENDATIONS analyses provided project institution.

Priority of recon. for surf. exploration: Spring - low altitude to higher. Equip. ^{See List - Tony} R.E. leader - ^{Shawata - note here} Summer & fall - high to lower elev.

(A) New Wellington - Summit hole - - - via coincident trenching, geological mapping, direct sampling, and geochemical sampling - latter for obviously high Zn/Pb indications within a generally high Zn/Pb background. Note: Hemsworth (1962) states vein traced over 1500' length via open cutting.

(B) Matheson - Whitewater hole segment - both strike (surf.) extensions to E and W. of Matheson X-cut. Note possibility of Mt. Pyralis/Sp replacement mineral masses - magnetic bearing low phosphate dykes being detectable by magnetometer (also adaptable to underground drift - traversing if no pipe or tracks, etc. present.) - if this (Whitewater #3 type) type of ore occurs on Wellington ground. Note that A.W. Davis (1976, ^{progress} report) points out occurrence of good ore in open cut at 300-400' east of, and ± 200' (?) above it. Also notes mineral (ore?) outcrop face of Matheson east drift assayed at 2' Ag, 10.02% Pb, 12% Zn, 8.8% Cu.

(C) Hazel hole - both E and W strike (surf.) extensions, employing same methods as suggested in (A) and (B) above.

(D) ROAD VEIN - uncovered by roadwork between Hazel & Matheson adits (portals). Note F.J.H. 1962 reports this exposure at contact of ls & slate, is 12' wide - including 8' with siderite & hematite incl 4 ft. averaging Ag, 1.0% Pb, 14.6% Zn, 4% Cu. - Stopped for a further 30' along strike

2 - Summary - New Wellington

but this stopped "because such work would interfere with access to the Matheson Adit!" (= basis of such reasoning or decision?)

Note that this appears to relate to the "Homeatals" cut alongside the access road pointed out by pets and appears to relate to ^{drift} workings (300 scale map) above and below it.

General Notes

- (a) Re Blue Star's 'picking' of some (?) Wellington dump material, without crushing & sizing (screwing?) produced a product approx Ag, 4.90%; Pb, 2.39%; Zn, 3.9%.
- (b) Blue Star's Matheson tunnel project parties X-C to explore down-dip ext'n of Wellington vein) ill advised in view of its 470' vertical distance below the drift level of the Wellington ore body.
- (c) Bousp. notes (via Aug, 1970 Summary) that there is a 150' of ore in the Matheson east drift
also he notes that originally (from spec) 220' ore Wellington westward.
150' " Same as east level.

Wellington Mine
- m.m. Reports since 1953.

1957 (Blue Star lease on property)
Roadwork & rehab. of Whitewater camp.

1958: (Blue Star, T.R. Buchanan Supt.)
Dry, repair shops, & compressor house constructed near portal
of 1000 ft long Matheson tunnel, & tunnel re-
timbered, slashed & restroked, & rehabilitated.

1962 (Blue Star, Chas Lind; mgr.)
E Matheson X-cut driven 310' & encountered heavy flows of
water

* Road work uncovered the Road vein in the road
between the Matheson & Hazel portals; this was
being investigated in December, 1962.

1963 (Blue Star, C. Lind et al)
Matheson adit was extended 869 ft in 1963 to a
total length of 2174'

1967 (Blue Star Blue Star, C. Lind) - 325' of surf. dia drilling
done (not on the Wellington Whitewater lode?).
- part work by Blue Star -