

~~1 DAY BREAK~~ 082F097 082F14G 495235/1170570

AR. 12146

See Gibson, See WINTROP

Evans (used) Stock, L.P. & Hill, H.L. 1965

Report on Daybreak Mining Corp (1957) Ltd

A. KENNEDY MINING DIV, CANCO B.C.

REPORT ON THE BISMARK PROPERTIES, SCOTLAND M.D., FOR S.S.

JAMES M. KENNEDY, CANCO B.C., 1965

(SARCE RESOURCES PROPERTIES 1986)

- access via Leam Creek Rd.
- part of a complex vein replacement system
- includes FRANCIS BUTTE SWINTROP CLAIMS (S GIBSON)
- STOCK & HILL (1965) report presence of 6 adits
- exploration 2 unmineralized "lobes", Post paid 3
- 676 tons @ recovered grade 17% Ag, 16% Pb, 8% Zn
- Properties underlain by Tertiary stream bed deposits & unconsolidated materials folded into a steeply dipping structural wedge bounded N 55 by Nelson
- Tertiary rocks faulted, sheared & metasomatized accompanied by intrusive activities & are directly related to vein & replacement deposits of Pb-Zn-Ag
- deposits show strike 150-70°W, (with local variations), and are argillite, limestone, quartzite & minor schists. Argillites are fine thin-bedded sandy, silt well-indurated with a slaty cleavage. Limestone units are fine-grained grey weathering white ex. Quartzites are grey fine well-indurated rocks rarely found in areas of sulphide mineralization.

- schistose phyllites are found throughout
 "Bismarck" properties, ~~and~~ ~~the~~ ~~Green~~ ~~and~~ ~~white~~
 references to presence of a "crusted" zone
 with quartzite units above. Ag-bearing minerals
 was present, ~~however~~ ~~fully~~ ~~supported~~ suggests these
 may ~~reflect~~ be significant for explanation
 may reflect faulting or shearing events.

Aplite & quartzite dikes intersect intrude
 Sloane Group (Rocks may be late stage events
 unconnected to sulphide mineralization. Dark
 mafic to ultramafic lamprophyre dikes which
 may be related to volcanic activities

- 2 parallel mineralized veins approx 90 m apart
 occur within sheared & brecciated zones averaging
 1.5 m wide. Veins are conformable, & drilled in
 for 250 m strike length, ^{check} BCDM (1926) reports a
 grab sample from sacked ore of 36.9 Ag, 50.6% Pb,
 & 13.4% Zn. Products 60 pounds, credit DABreak
 with 676 tons 17 oz Au 16% Pb 8% Zn,

SMITH & HILL (1965) calculated a mineral reserve
 of 19700 tons grade 6.1 oz Au 6.0% Pb 8.5% Zn.

BCDM 1924 p. 185 (Furness & Gibb) was amalgamated
 with Gold core.

EMPR AN 1924 = 187, 368

DAZBROOK (cont.)

EMER AR 1926 - 260: When Gibson it became
lead up in lithology by production; first lines
worked out camp in 1941. New efforts now: In lower
level a x-cut intersects ~~the~~ "3" vein 185'
below next level 169' from portal. "4" vein is
160' in, & drifted one for 200' & very mixed results
"5" vein (similar to "4"), is formed along a
sheared fault fracture roughly conformable to dips
strikes of structure ore occurs in small lenses &
narrow streaks at intervals in sheared & crushed
wall rock zone. About 200' drift from dome on
this vein, (with minor steps!) At face limestone
strikes N 50° E dips 85° W. Grab sample of rock
are 7 365 A, 50-6 B, 20 13.4 19 tons shipped
this year.