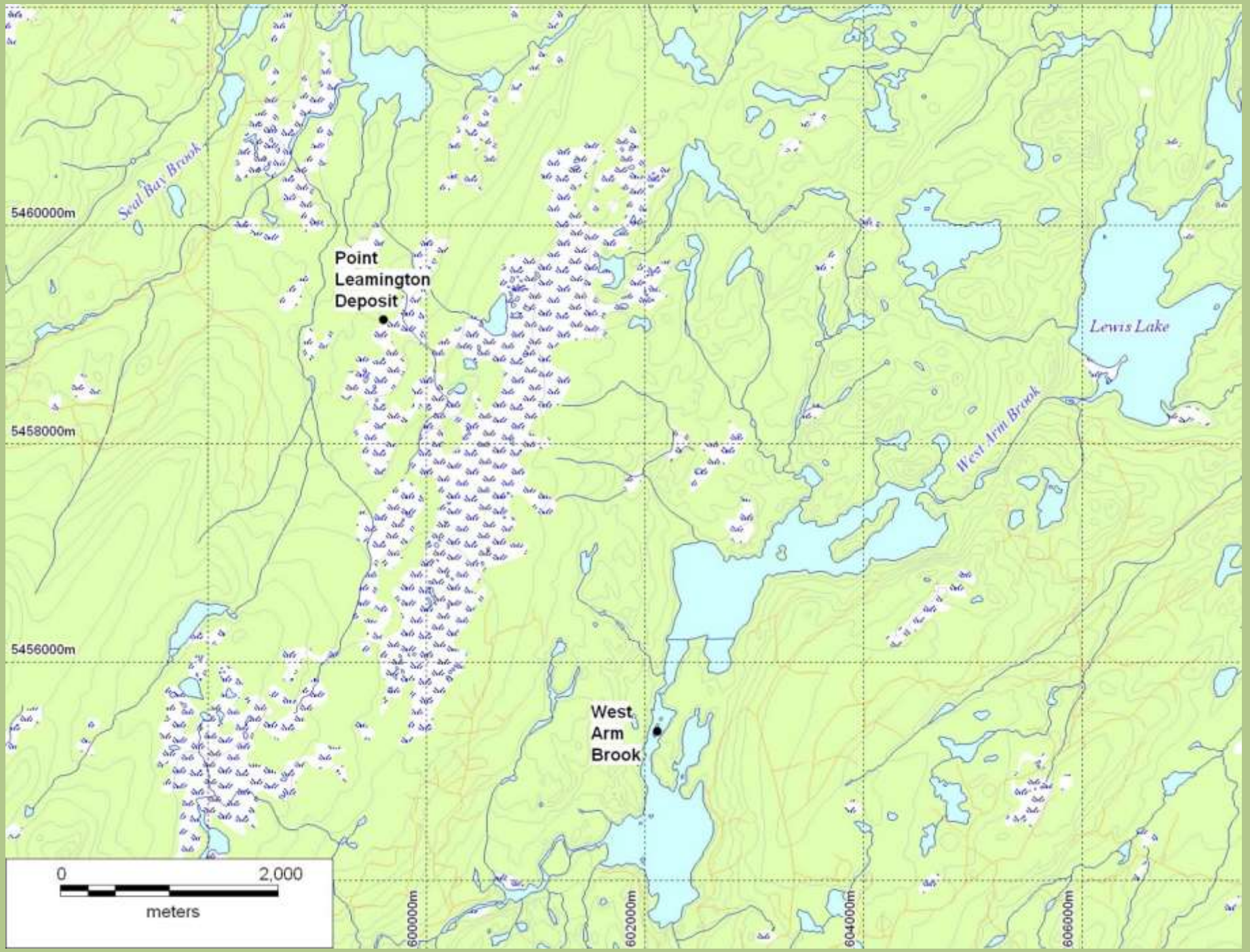
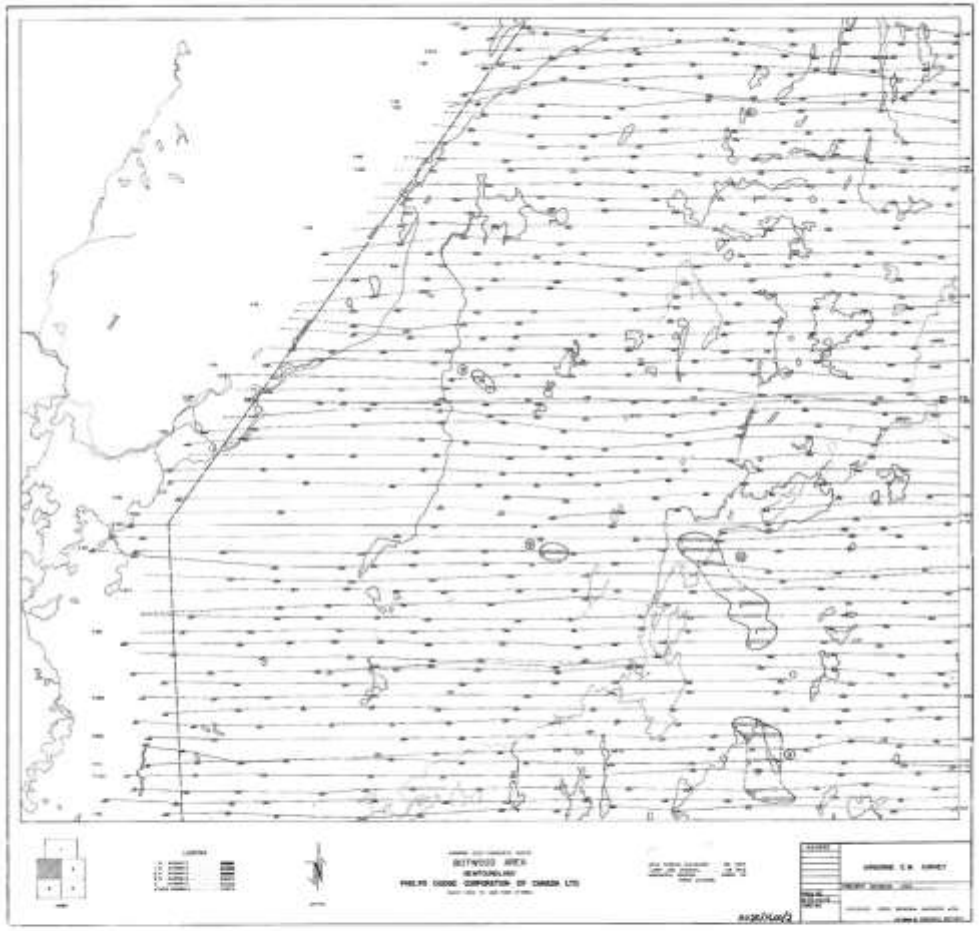
Point Leamington Deposit
(aka New Bay Pond / Seal Bay)

Prospecting and Geophysics
Working Together

NL Mineral Resources Review
St. John's, NL. – Nov. 4/15


Seal Bay Brook
5460000m
Point
Leamington
Deposit
Lewis Lake
5458000m
West Arm Brook
5456000m
West
Arm
Brook
0
2,000
meters
600000m
602000m
604000m
606000m

Point Leamington Deposit Area – Google Earth Image



Botwood Area Airborne Survey
Area 2

Canadian Aero Mineral Surveys
for Phelps Dodge Corporation
1967

possibility of local sulphide concentrations within this major zone. Initial ground investigation should be directed at conductor 2, especially in the vicinity of lines 79 and 88.

The second major conductive zone includes conductors 10, 11, 13, 14, 15 and 16. This zone falls in an area mapped as slates and the interpretation favours a graphitic source. The apparent conductivity of the zone is very low.

Conductors 7, 8, 9, 17 and 18 are weak, single line anomalies. Conductor 8 has a 70g coincident magnetic anomaly which may indicate a weak sulphide source. Conductors 17 and 18 lie in low ground and may only be surface conductivity response.

IV. RECOMMENDATIONS AND CONCLUSIONS

The airborne EM survey indicated an absence of strong conductors such as would be expected from massive sulphides. Two major formational conductive zones were outlined which are believed to be primarily due to graphite. Geological and possibly geochemical coverage of these zones is recommended for the possibility of finding sulphide concentrations within these formational zones.

A few weak single-line anomalies have been plotted and of these, conductors 7 and 8 appear to be the best bets for possible sulphides.

OTTAWA, Ontario,
September 29, 1967

R. W. Stemp

Robert W. Stemp, P.Eng.,
Chief Geophysicist.

Summary of Results
Botwood Area Airborne Survey

Canadian Aero Mineral Surveys
for
Phelps Dodge Corporation
1967

Botwood Area. Canadian Aero Mineral Surveys. (Winter 1971 pm-d)
for Phelps-Dodge Corp. - 1967.

Conductor #7 - Photo # A18843-189.
Line 82A Fiducials 2878/85 In phase/Quad - 70°/40
Altitude 190' Mag E. Flank 700g. Rate - 3.
Weak - single line anomaly.

Geology - altered, metamorphosed and assimilated tuffs, agglom and cherts - associated with diorite mass, basaltic - to - acidic flows.

Access. - Price Nfld rd through Bishop's Falls to New Bay Pond, continue up to Lewis Lake area.
Anomaly located just W. rd. & 1 mile SE Lewis Lake
Anomaly < than 1000' from road.

Sulphide Zone
Conductor #8 Photo # 18982-199.
Line 81A Fiducials 7173/77 In phase/Quad 0/20 Alt-195'
Mag Direct 70g. Rate - 3.
Weak single line anomaly.
Line 82A 7352/5 0/20 160' E side 60g. Rate 3

Geology - Agglom, tuffs, cherts, metamorphosed in part

Location + Access - Anomaly located 4 mi. N. Lewis Lake.
Access by Price Rd To New Bay Pond and beyond, come across small pond, then 2 mi N.N. through woods.

Noranda Exploration
Summary / Evaluation

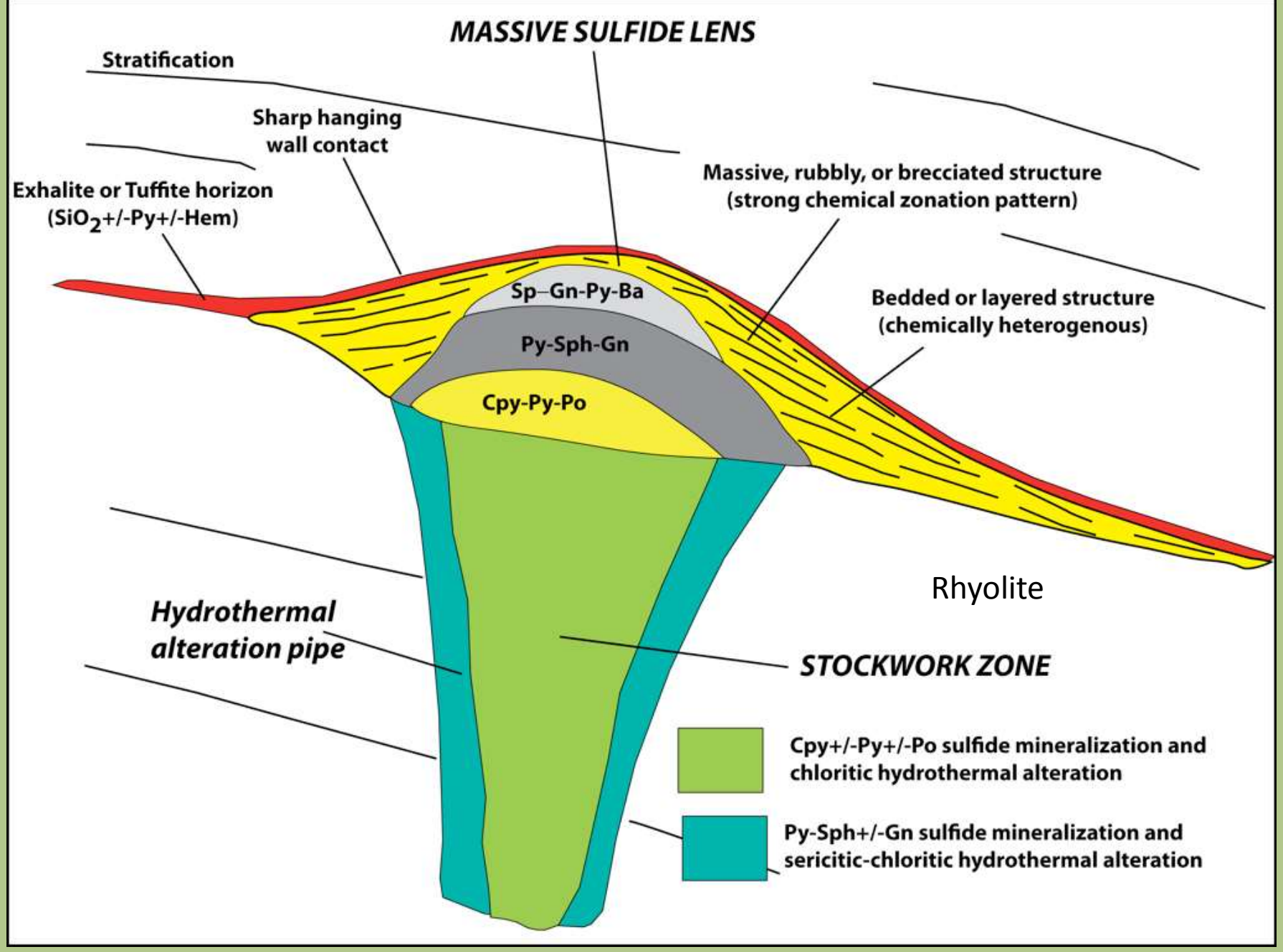
Phelps Dodge Airborne Survey
1967
Peter Dimmell - Winter 1971

Prior Work. Conductor #8.

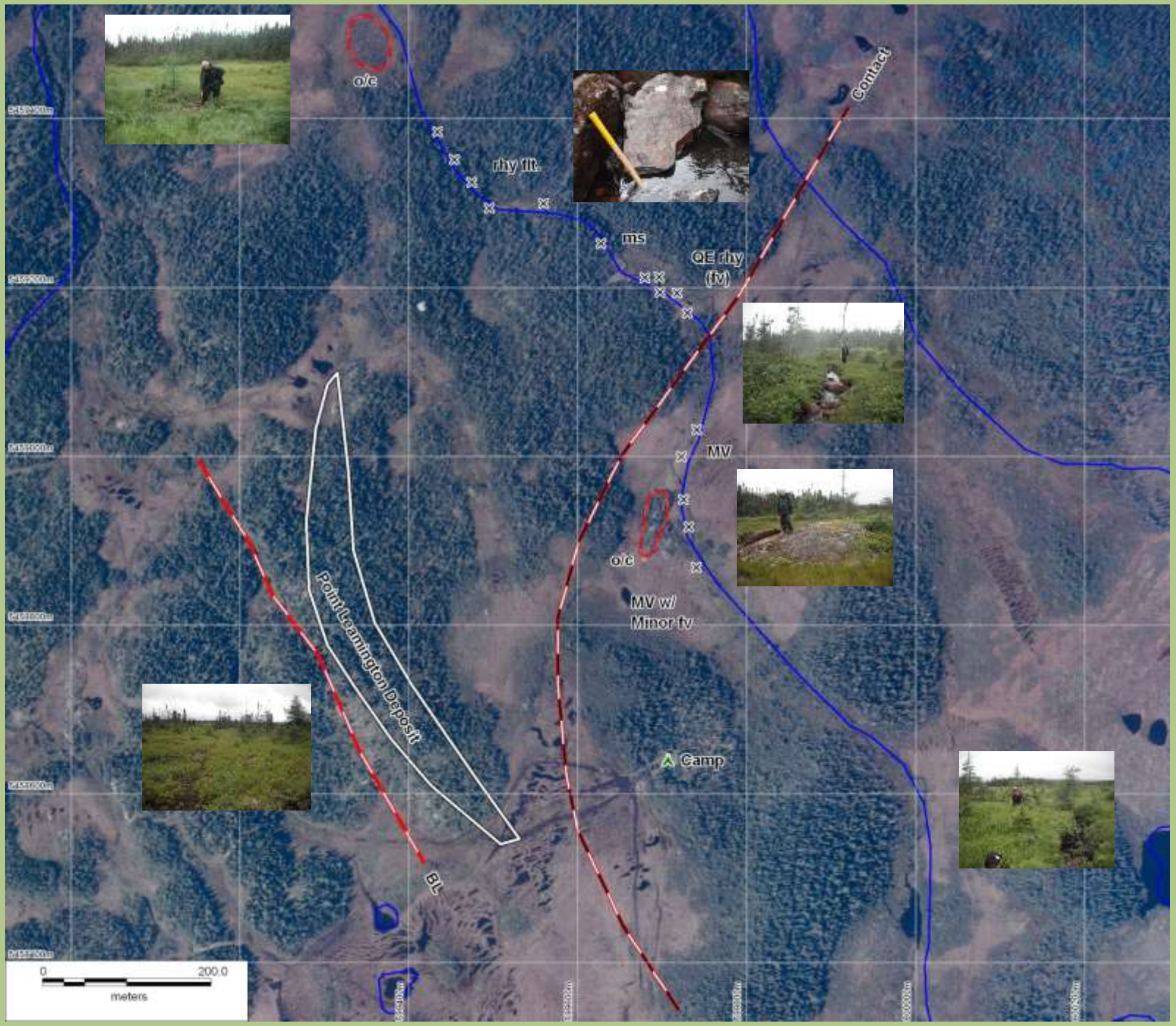
2 mi N.W. Great Lewis Lake - west side of large peat bog. low, flat, coarse gravel or boulder ridge - does not appear anomalous to soil sampling.

- one small moss-covered rock exposure found - poss. a boulder. - Diorite → Qtz. Dior.

Pt Leamington – Access - 1971



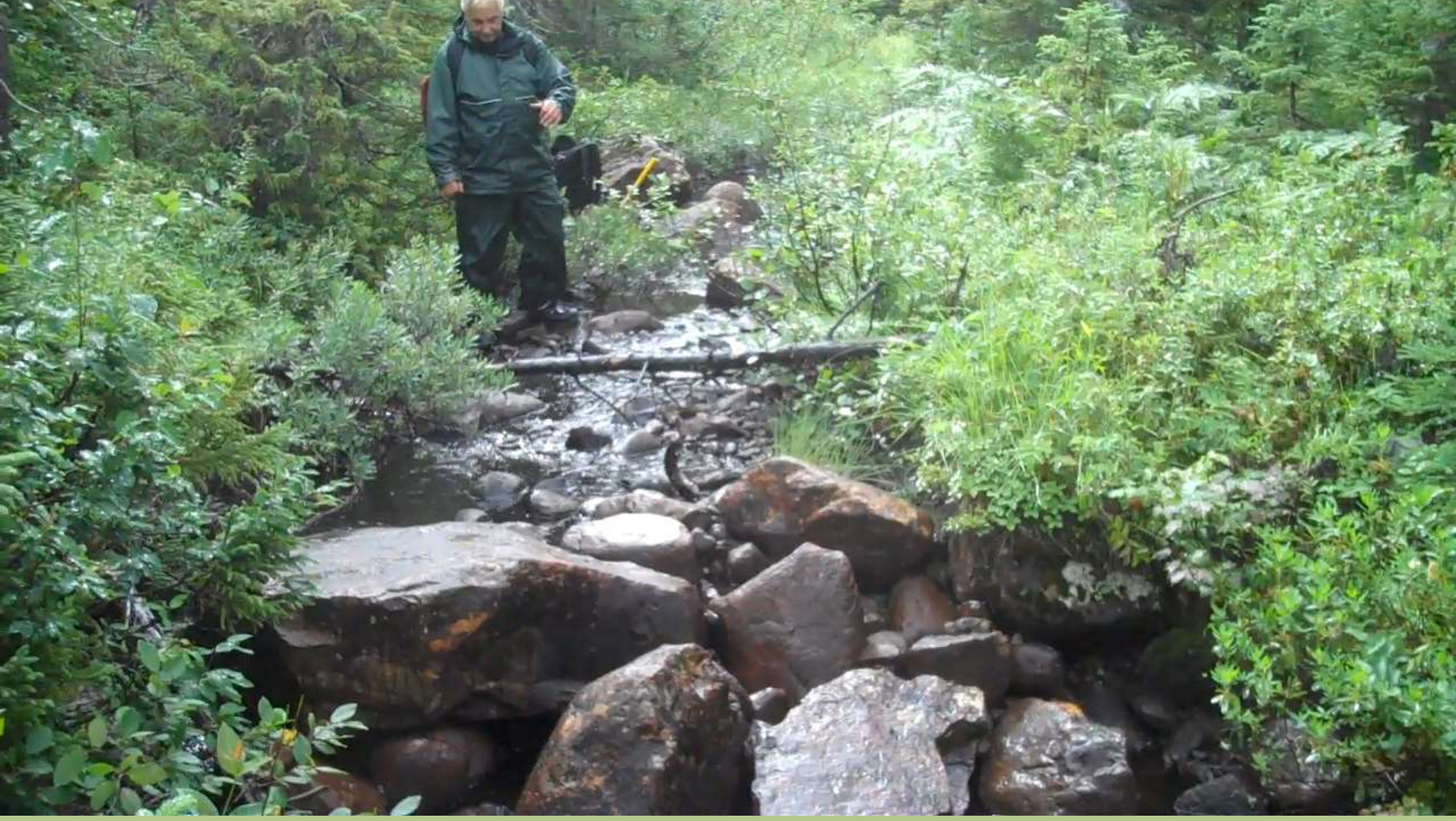
Idealized Volcanogenic Massive Sulphide Deposit Model
(after Piercey, S.)


o/c
rhy flt
ms
QE rhy
(fv)
Contact
MV
o/c
MV w/
Minor fv
Point Leamington Deposit
Camp
BL
0
200.0
meters

Al Keats - Pt. Leamington Discovery – Brook w/ mafic volcanic boulders
(Re-enactment 2010)

Al Keats - Pt. Leamington Discovery – Brook w/ mafic volcanic boulders
(Re-enactment 2010)

Al Keats – Discovery of Pt. Leamington MS Boulders – August 1971 – Looking Downstream (Re-enactment 2010)



Al Keats – Discovery of Pt. Leamington MS Boulders
Looking upstream
(re-enactment 2010)

Al Keats – Discovery of MS boulders – August 1971
(re-enacted 2010)

Pt. Leamington Deposit – DDH's 307-2-1,2,3
October 1971

Pt. Leamington Deposit – October 1971
Muskeg on bog near camp

Still Waiting for Development

1971 - ?????