

reference on hand

Ewan ~~chuck~~ #6

010163

Open pit methods at Bethlehem Copper

CIM. Gen. Meeting April 1968

Summary

Geology

Gurchoon - older QD cut by Granite,

qtz. monz, porphyries, younger QD

(Bethsaida?)

Breccia bodies - younger.

Ore epy, barite, monz, pyrite (minor)

host rocks younger rx + bx's; ore disseminated,
as fracture fillings + inclusions

controls structural - best ore in dis-
turbed rock

* Jersey orebody slightly elong. along
Jersey fault

East Jersey orebody sketched along
FW of East Jersey fault.

Reserves 34 MT @ 0.60% Jersey Jan '68

Pit - Jersey - south wall rel. incompetent
due to major faults

Bethlehem

OVER

100
100
100
100
100
100

FAULTS

Major: NS

others: N45E

N60E

E-W

4 concentrations

no large displacements