GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF ENERGY, MINES AND RESOURCES

Sections along lines A-B and C-D

LEGEND

PALEOZOIC

DEVONIAN

6 — Feldspar porphyry and trachyte porphyry

SILURIAN

5 — Serpentinized peridotite carbonate-serpentine-talc schist; also includes fault gouge, breccia, and mylonite, may include some of unit 3

4 — CHALEUR BAY GROUP Greywacke, and argillite, minor conglomerate, may include some of unit 3

3 — CHALEUR BAY GROUP Greywacke, argillite, metadolomite (skarn), and conglomerate

ORDOVICIAN

2 — Diabase, diabasic gabbro, diorite

1 — TETAGOUCHE GROUP Dark grey phyllite, phyllitic schist, graphitic schist, and subgreywacke; also includes fault breccia, gouge, and mylonite

Ore shoot (map surface and sections: 500 foot level, shaft deposit)
Approximate outline of sulphide mineralization
Outcrop, area of outcrop
Geological boundary (approximate, faulted)
Bedding, tops known (inclined, overturned)
Bedding, tops unknown, (inclined, vertical, dip unknown)
Schistosity (inclined, vertical, dip unknown)

Drag-fold (arrow indicates plunge)
Fault (defined, approximate, assumed, arrows indicate relative movement)
Joint (inclined, vertical, dip unknown)
Syncline (approximate)
Shaft
Trench
Diamond drill-hole (inclined)

Geology by J.L. Davies, 1961, 1962

To accompany GSC Paper 67-49 by J.L. Davies, W.M. Tupper, D. Bachinski, R. Boyle and R. Martin

Cartography by the Geological Survey of Canada, 1968

Access road
Other roads
Trail
Contour (interval 20 feet) 500
Building
Marsh

Published, 1969

Figure 2. Geology of the Hachey and Shaft sulphide deposits, Quebec Sturgeon River Mines, Ltd., Gloucester County, New Brunswick

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