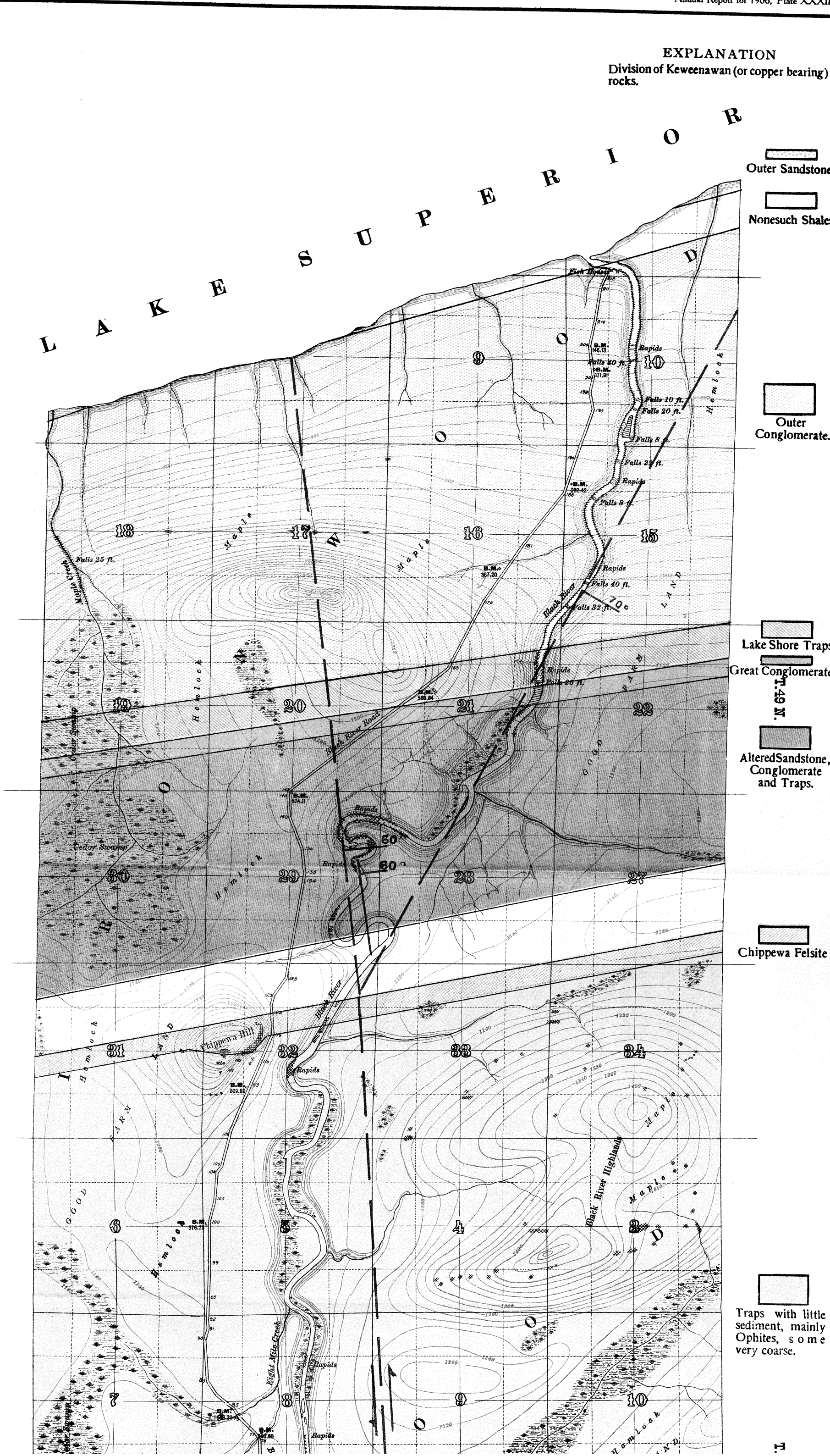
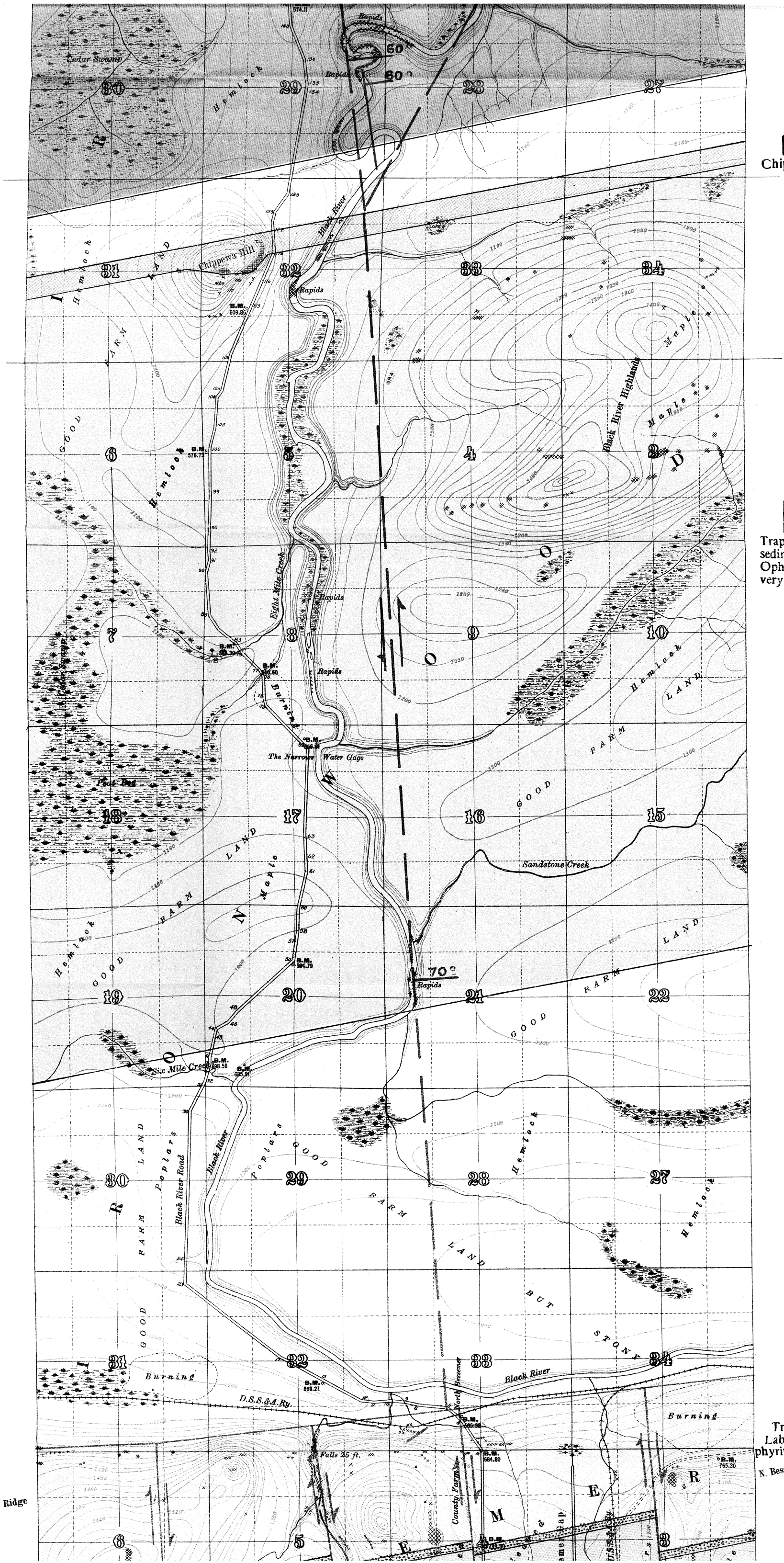
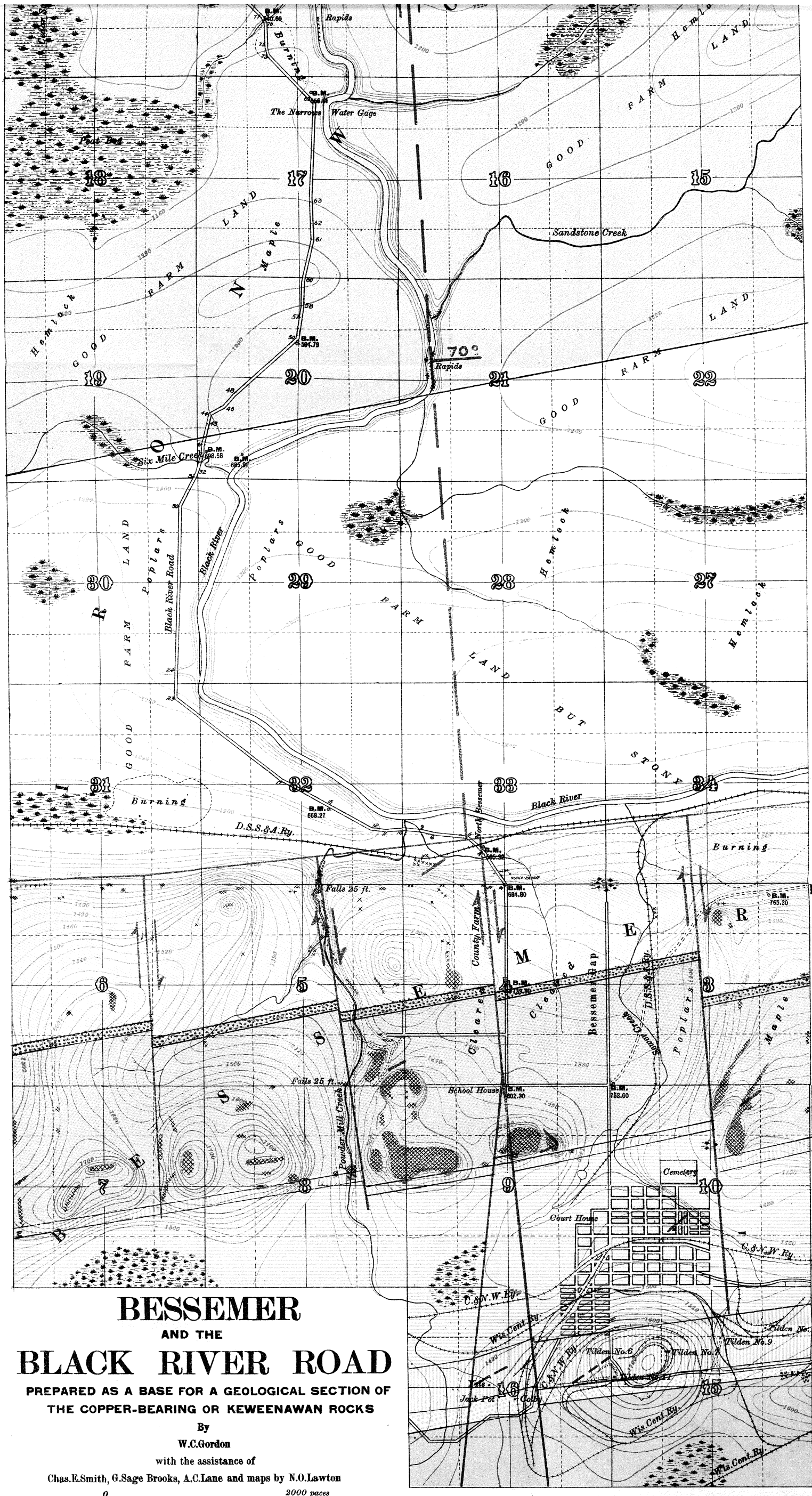

EXPLANATION
Division of Keweenawan (or copper bearing) rocks.
Outer Sandstone
Nonesuch Shales
Outer Conglomerate.
Lake Shore Traps
Great Conglomerate
Altered Sandstone, Conglomerate and Traps.
Chippewa Felsite
Traps with little sediment, mainly Ophites, some very coarse.
LAKE SUPERIOR
T.49 N.
T.48 N.
Black River
Black River Road
Maple Creek
Cedar Swamp
Chippewa Hill
Eight Mile Creek
Black River Highlands
Hemlock
Maple
Falls 25 ft.
Falls 40 ft.
Falls 32 ft.
Falls 10 ft.
Falls 20 ft.
Falls 8 ft.
Falls 24 ft.
Rapids
B.M. 367.20
B.M. 560.64
B.M. 574.11
B.M. 609.86
B.M. 576.72
B.M. 146.13
B.M. 171.81
B.M. 282.42


Chippewa Felsite
Traps with little sediment, mainly Ophites, some very coarse.
Traps including Labradorite, Porphyrites and Felsite
Gabbro
T.48 N.
T.48 N.
N. Bessemer Ridge
N. Bessemer Ridge
Cedar Swamp
Hemlock
Rapids
Black River
Chippewa Hill
Maple
Black River Highlands
GOOD FARM LAND
Hemlock
Eight Mile Creek
Burning
The Narrows Water Gage
Peat Bog
Sandstone Creek
Six Mile Creek
Black River Road
Poplars
BUT STONY
D.S.S.&A.Ry.
Falls 25 ft.
County Farm
North Bessemer
B.M. 609.86
B.M. 576.73
B.M. 588.30
B.M. 667.60
B.M. 504.79
B.M. 698.56
B.M. 695.91
B.M. 668.27
B.M. 695.52
B.M. 684.80
B.M. 765.30
70°

T.48 N.

T.48 N.



N. Bessemer Ridge

S. Bessemer Ridge

T.47 N.

BESSEMER
AND THE
BLACK RIVER ROAD

PREPARED AS A BASE FOR A GEOLOGICAL SECTION OF THE COPPER-BEARING OR KEWEENAWAN ROCKS

By

W.C.Gordon

with the assistance of

Chas.E.Smith, G.Sage Brooks, A.C.Lane and maps by N.O.Lawton

0 — 2000 paces
0 — Scale — 1 mile

Contours, lines of equal elevation above ocean level A. T. Lake Superior being assumed to be 602.4 A. T. Interval between contours 20 feet.

Traps including Labradorite, Porphyrites and Felsites

N. Bessemer Ridge

Gabbro

S. Bessemer Ridge

Traps with some Porphyrites.

Basal Sandstone.

Divisions of Animikie, Neo Huronian.

Michigamme (Tyler) Slate.

Bijiki (Ironwood) iron bearing formation.

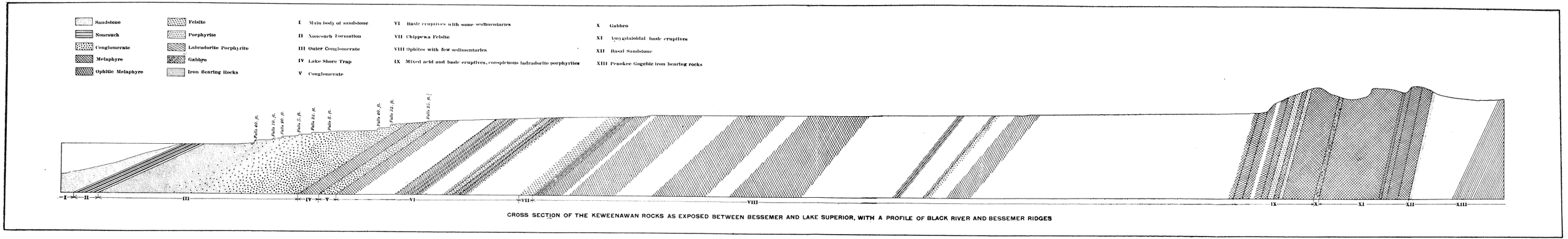
Goodrich (Palms) formation.

Laurentian Granite.

Dikes.

70°

Faults.



CROSS SECTION OF THE KEWEENAWAN ROCKS AS EXPOSED BETWEEN BESSEMER AND LAKE SUPERIOR, WITH A PROFILE OF BLACK RIVER AND BESSEMER RIDGES

GEOLOGICAL SECTION OF BESSEMER AND THE BLACK RIVER ROAD.