MAP OF THE DOBBINS AND APPALACHIAN MANGANESE MINES

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ORIGINAL DOBBINS SHAFT 210FT

NORTH CUT

Stripped area

NORTH CUT

SOUTH CUT

WEST CUT

Stripped area

REPUBLIC INCLINE About 280ft long at 45°

EAST CUTS

Mill

tailings

Log-washer

DOBBINS LOT (No.271)
APPALACHIAN LOT (No.306)

200 0 200 800 Feet

Contour interval 10 feet
Datum is mean sea level
Lot corner and lines approximate

EXPLANATION

Lower Cambrian — Rome formation

- Metashale — *Strongly weathered, originally variably calcareous. Contains a few beds of quartzite, mostly very thin. The metashale, originally mast calcareous contains manganese in places*
- Residium of weathered dolomite — *Contains manganese and jasperoid distributed unevenly*
- Shady formation — *Bedded umberous clay residual from weathering of thin-bedded specular hematite and dolomite In places includes residual hematite and jasperoid which contain fossils*
- Weisner formation — *Quartzite and metashale*

Residium of Shady and Rome formations — *Stratigraphic units cannot everywhere be differentiated owing to colluvial overburden*

CAMBRIAN

Fault — *Solid line where exposed, dashed where indicated by geologic relations*

Approximate contact — *Closely controlled by mine exposures*

Inferred contact — *Indicated, but not closely controlled by mine exposures*

75 Strike and dip of beds

90 Strike of vertical beds

Rim of open-cut or pit

Dump or fill

Shaft — *Figure indicates depth in feet from surface*

Caved shaft

Adit

Caved adit

Geology by T. L. Kesler, November 1943

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