



EXPLANATION

- Outcrop areas shaded
  - Metagabbro dike
  - Badwater Greenstone
  - Mukwonago Slate
  - Amasa Formation
  - Hemlock Formation
  - Contact
  - Inferred fault
  - Strike and dip of beds
  - Strike of vertical beds
  - Strike and dip of foliation or schistosity
  - Strike of vertical foliation of schistosity
  - Direction of top of bed shown by ellipsoidal structure
- mg  
 bb  
 bm  
 ba  
 bh
- Crests of aeromagnetic anomaly  
 Values in gamma of total intensity
- Location of ground magnetometer station  
 Magnetic determinations made with vertical-component diatomic magnetometers
- Magnetic contours from ground survey  
 Zero value approximately equal to 57,000 gamma; absolute vertical intensity. Contour interval 200 gamma. Hatchures indicate closed area of lower magnetic intensity.
- Test pit or drill hole  
 O-1 (112-158)  
 SL-205 (207-550)
- Drill holes  
 Shows hole number, lithology of bedrock, and in parentheses, distance to bedrock surface and length of hole. Inclined holes show projection of hole to horizontal surface. Data incomplete for some holes because information lacking. Holes not numbered taken from mining-company map compilations of uncertain accuracy, as that location or existence of some of these holes is in doubt; some may be test pits instead of drill holes. Question marks indicate description is from mining-company records.
- Abbreviations used for rock types, in drill holes and outcrops  
 amg, amphibolite  
 bl, black  
 brc, breccia  
 carb, carbonate  
 ch, chert or cherty  
 cong, conglomerate  
 el, ellipsoidal  
 fe, ferruginous  
 fs, felsic  
 graph, graphite  
 gs, gneissous  
 gv, gypsiferous  
 py, pyrite  
 H, transformation  
 sh, shaly  
 mg, metagabbro  
 ms, massive  
 por, porphyritic  
 pyr, pyritic  
 qtz, quartzite  
 sch, schist  
 sl, slate or slaty  
 vol, volcanic
- Trail  
 Railroad, dashed where abandoned

MAGNETIC AND GEOLOGIC DATA IN SOUTHERN PART OF THE KELSO JUNCTION QUADRANGLE AND VICINITY, IRON COUNTY, MICHIGAN

800 0 800 1600 2400 3200 4000 FEET

Base modified from U.S. Geological Survey topographic quadrangle: Kelso Junction, 1945

Geology and magnetics by K. L. Wier, 1956-59  
Magnetics by R. A. Solberg, 1959