



Legend

- State Roads
- Railroads
- Lakes and Wide Rivers
- Kawkawlin Watercourses
- Kawkawlin Tributaries
- ▭ Kawkawlin River Watershed
- ▭ HUC-14 Subbasins
- Other Watercourses
- ▭ Townships
- ▭ Counties
- ▭ Cities and Villages
- 1982 Quaternary Geology**
- ▭ Dune sand
- ▭ End moraines of fine-textured till
- ▭ Fine-textured glacial till
- ▭ Lacustrine clay and silt
- ▭ Lacustrine sand and gravel
- Historical Shoreline



JOSEPH RIVET
 BAY COUNTY DRAIN COMMISSIONER

EXHIBIT 7
 1982 QUATERNARY GEOLOGY

KAWKAWLIN RIVER WATERSHED MANAGEMENT PLAN
 GLADWIN, MIDLAND, SAGINAW, & BAY COUNTIES
 MICHIGAN

SCALE: 1"= 15,000'

DATE: AUGUST, 2009

OFFICE LOCATIONS
 SAGINAW, MI
 ST. JOHNS, MI
 CARO, MI
 DETROIT, MI
 TEMPE, AZ

DR. BY: MMC CHK. BY: RAB
 DE. BY: MMC APP. BY: RAB

FILE NO. **F-1090-07**

PROJECT NO.
 117345SG2008

SHEET 1 OF 1

SAGINAW OFFICE
 230 S. WASHINGTON AVE.
 SAGINAW, MI 48605
 TEL. 989-754-4717
 FAX 989-754-4440
 www.SpicerGroup.com