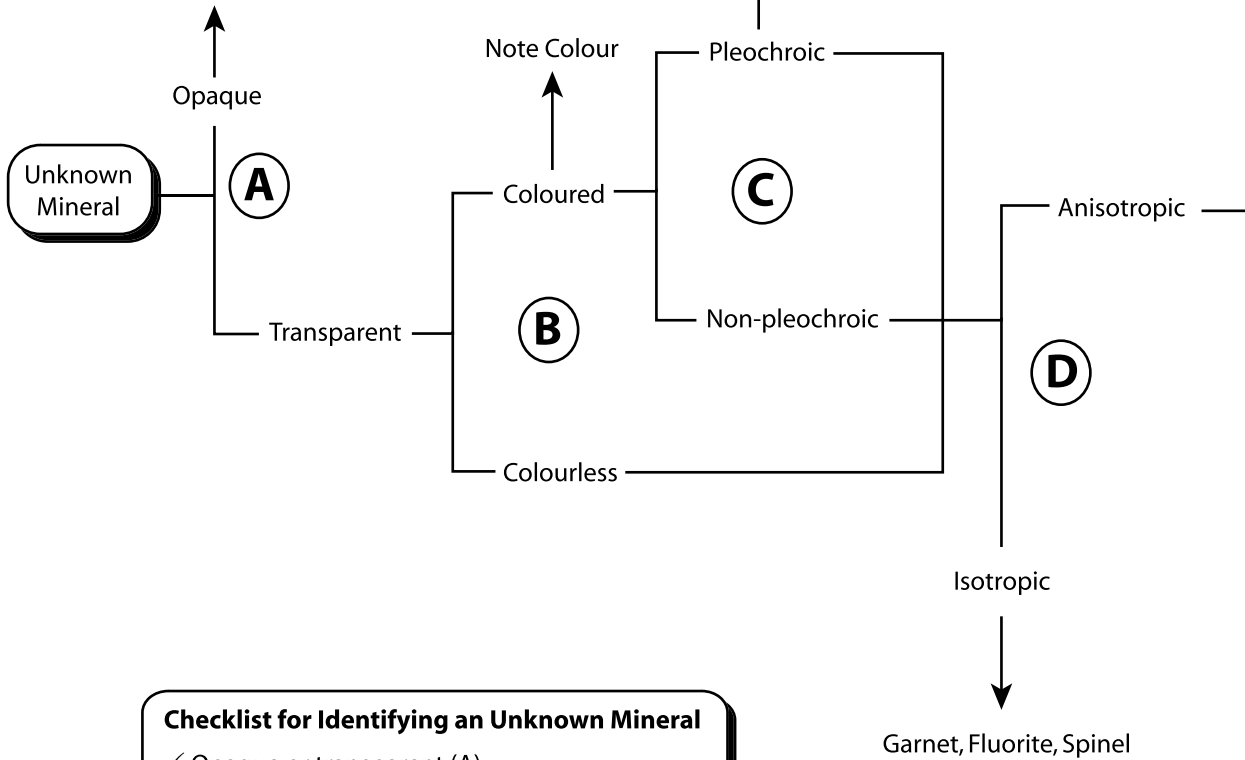


# Flow Chart for Identification of Minerals in Thin-Section

Oxides (hematite, magnetite, chromite),  
generally all metal ores



- Checklist for Identifying an Unknown Mineral**
- ✓ Opaque or transparent (A)
  - ✓ Coloured or colourless (B)
  - ✓ Pleochroic or non-pleochroic (C)
  - ✓ Isotropic or anisotropic (D)
  - ✓ Step 1: Birefringence or interference colours
  - ✓ Step 2: Relief of mineral
  - ✓ Step 3: Extinction angle
  - ✓ Step 4: Presence of cleavage
  - ✓ Step 5: Shape or habit of mineral
  - ✓ Step 6: Biaxial or uniaxial, +ve or -ve
  - ✓ Step 7: Other features
- IDENTIFY MINERAL

