

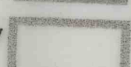
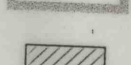
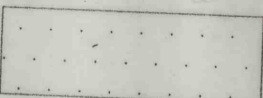
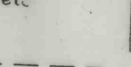

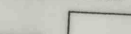




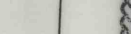
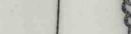
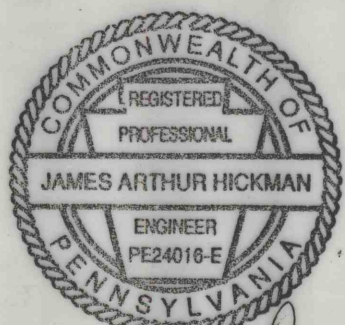



**LEGEND**

- No mining barrier 
- Class 1 = 2.0 safety factor  
50% mining 
- Class 2 = first mining only  
2.0 safety factor 
- Coal not used 
- Previously Surface Mined Area 
- Utility Lines 
- Upper Freeport Mine 
- Upper Kittanning Mine 
- Dwelling 
- Drill Holes 
- Deep Mine Entry 
- Roads 
- Streams 
- LK Contours — 1990 — 



*James Arthur Hickman*  
 Seal 6/1/09

**LEGEND**

- DWELLINGS 
- OTHER BUILDINGS 