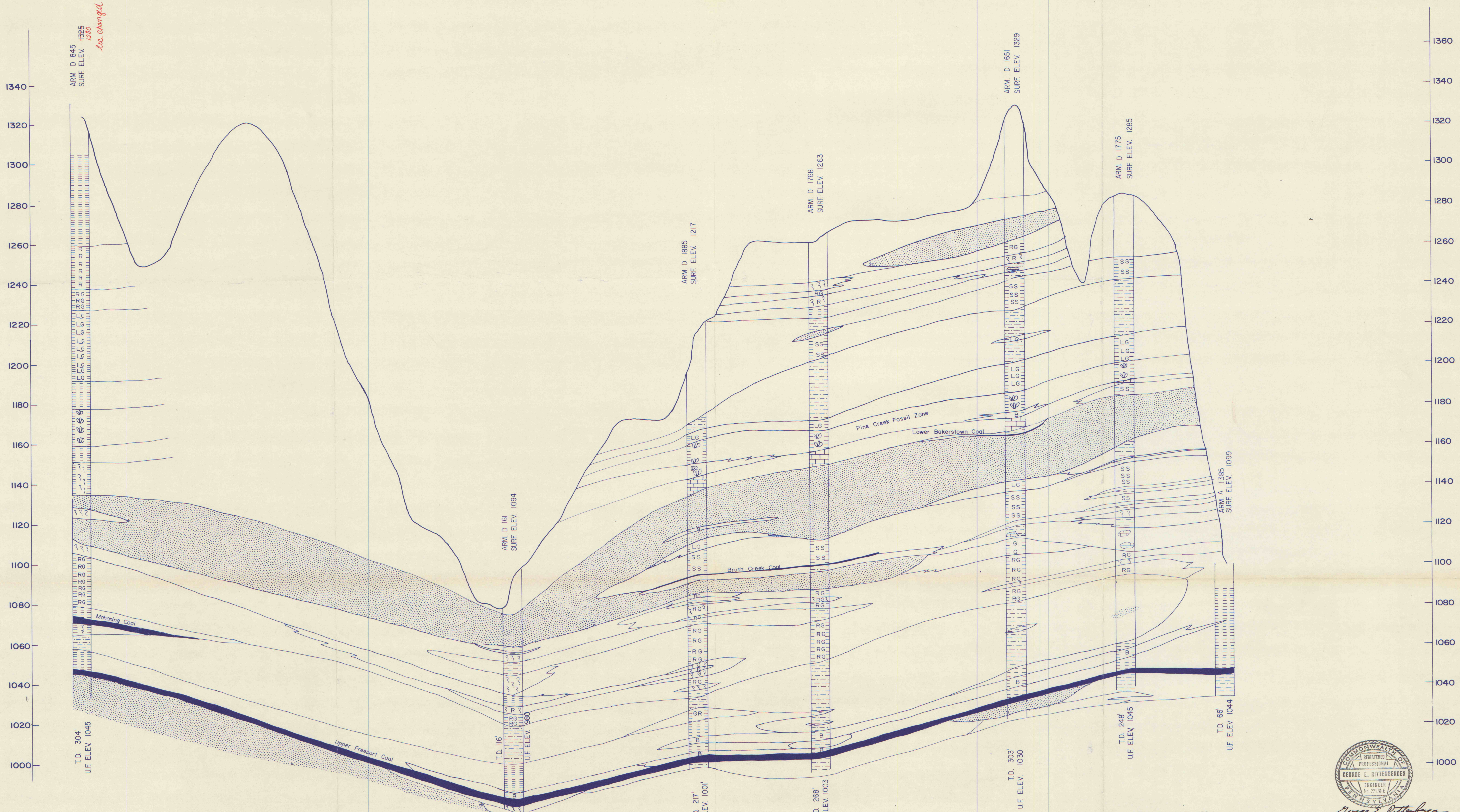




LEGEND

- | | | | | | |
|--|------------------|--|--------------------|--|-----------------------------|
| | DARK GRAY SHALE | | COAL | | GREEN SHALE |
| | RED SHALE | | DARK GRAY FIRECLAY | | SHALE (W) SANDSTONE STREAKS |
| | RED GRAY SHALE | | RED CLAYSTONE | | GREEN CLAYSTONE |
| | LIGHT GRAY SHALE | | BLACK SHALE | | LIMESTONE |
| | FOSSIL ZONE | | | | |
| | FIRECLAY | | | | |
| | SANDSTONE | | | | |
| | SANDY SHALE | | | | |

D - Diamond Drill Hole
A - Air Drill Hole
U.F. - Upper Freeport
T.D. - Total Depth



O'DONNELL COAL COMPANY			
ENGINEERING / ENVIRONMENTAL COMPLIANCE DEPARTMENT			
Operation: Pyrro No. 1 Mine		Permit No: To Be Assigned	
Township: Kittanning		County: Armstrong	
Coal Seam: Upper Freeport		Geologic Group: Allegheny	
GEOLOGIC CROSS SECTION			
Date	Revisions	Approved By	
			Date: 8-30-85 Scale: H:1"=300' V:1"=20'
			Prepared By: J. Claycomb Drawn By: R.T. LoPRESTI
			Approved By / Date:
			Drawing No:

IMAPS # 11173