



# HEDRICK OPERATION

List of Affected Properties, Contiguous Properties, and Adjacent Properties

## 5.1 Permit Area

### Property Key

- |   |                            |
|---|----------------------------|
| 1 | Thad J. & Joan Ann Hedrick |
| 2 | Thad J. & Joan Ann Hedrick |
| 3 | Raymond R. Tatters         |
| 4 | John K. & Neil G. Pfaff    |

## BOND TABULATION

|          |        |                |                        |         |       |
|----------|--------|----------------|------------------------|---------|-------|
| \$14,600 | B1# 01 | PROPERTY OWNER | MINING<br>85' HIGHWALL | SUPPORT | TOTAL |
|          |        | 1 & 2          | 2.1                    | 8.3     | 10.4  |

## 5.2 Contiguous Area

- |   |                                  |
|---|----------------------------------|
| 5 | James D. & Kathleen M. Geldinger |
| 6 | James L. Hepler                  |
| 7 | Veronica C. Holly                |
| 8 | Alvin L. Mellish                 |
| 9 | Stanley R. Davis                 |

## 5.3 Adjacent Area (Within 1000 ft.)

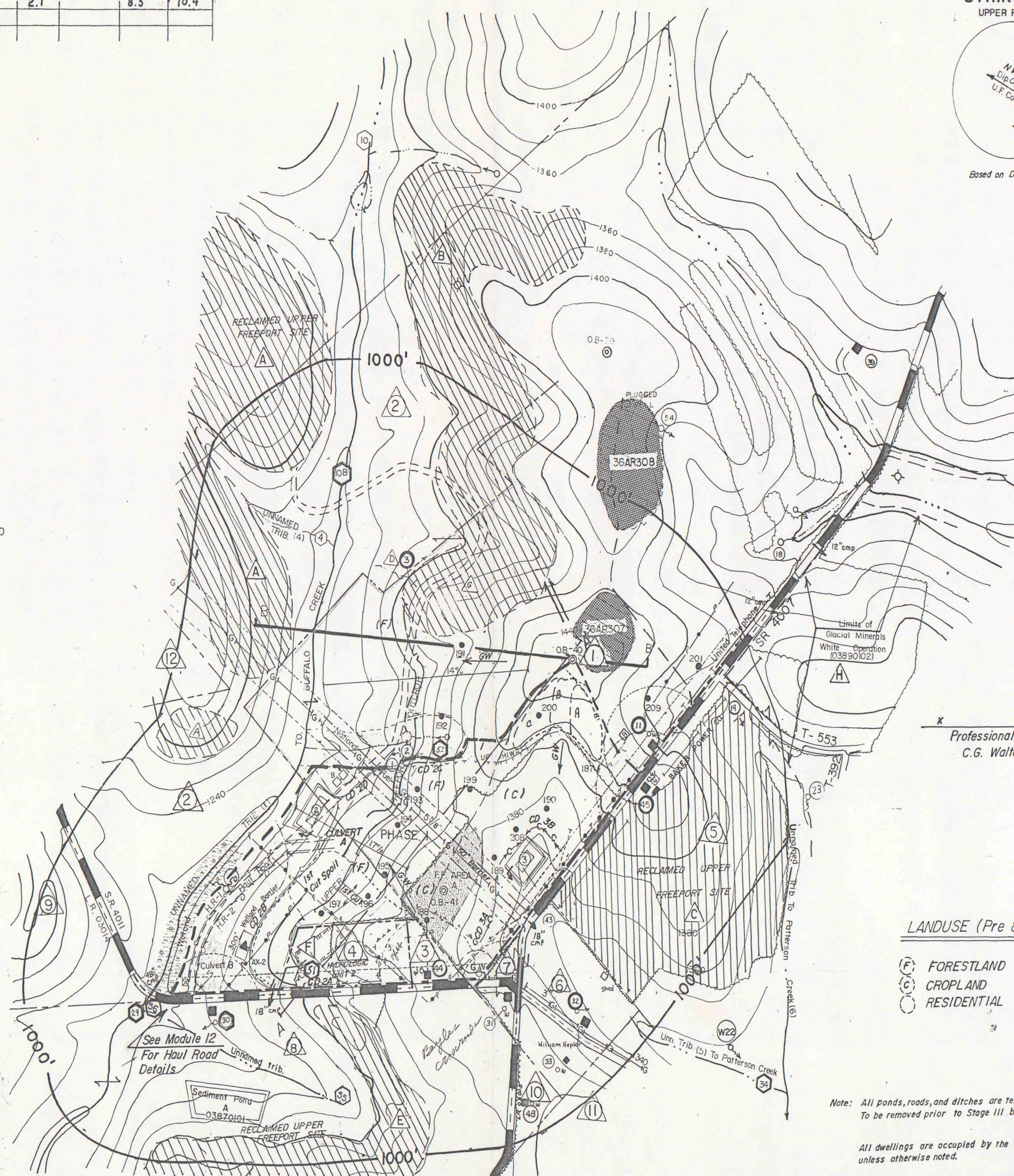
- |    |                            |
|----|----------------------------|
| 10 | Dennis L. Baccanti         |
| 11 | Kenneth R. Tack Sr. et al. |
| 12 | Clayton E. Boyal           |

## UTILITIES

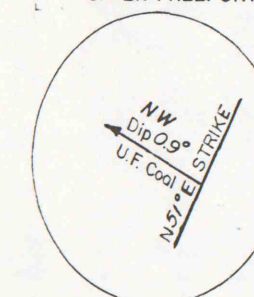
National Fuel Gas  
Baker Power Co.  
Central Electric Co-op  
United Telephone

## DRILL HOLE TABULATION HEDRICK OPERATION

| HOLE NO. | SURFACE ELEV. | TOP OF COAL<br>U.F. L.F. | STATIC WATER LEVEL (SWL)<br>WATER BEARING ZONE (WBZ) |
|----------|---------------|--------------------------|------------------------------------------------------|
| 187      | 1403          | 1323                     | SWL - 1332                                           |
| 188      | 1387          | 1328                     | SWL - 1343                                           |
| 189      | 1372          | 1334                     | SWL - 1341                                           |
| 190      | 1373          | 1328                     | SWL - 1311                                           |
| 191      | 1346          | 1309                     | SWL - 1317                                           |
| 192(C)   | 1346          | 1312                     | SWL - 1313                                           |
| 193      | 1337          | 1327                     | SWL - 1321                                           |
| 196(C)   | 1349          | 1310                     | SWL - 1310                                           |
| 197      | 1334          | 1327                     | SWL - 1337                                           |
| 199      | 1388          | 1317                     | SWL - 1420                                           |
| 200      | 1425          | 1322                     | SWL - 1360 WBZ - 1344                                |
| 201      | 1384          | 1341                     | SWL - 1311                                           |
| 194      | 1332          | 1305                     |                                                      |
| 195      | 1352          | 1302                     |                                                      |
| 208      | 1371          | 1332                     | SWL - 1345                                           |
| 209      | 1397          | 1327                     | SWL - 1343                                           |
| O.B. -39 | 1437          | 1307                     |                                                      |
| O.B. -40 | 1443          | 1308                     |                                                      |
| O.B. -41 | 1381          | 1327                     |                                                      |



## STRIKE & DIP UPPER FREEPORT



Based on DH 191, 209, & O.B. -41

## Legend

- OCCUPIED STRUCTURE
- BARN, GARAGE, SHED, OR UNOCCUPIED
- POWER LINE
- TELEPHONE LINE
- GAS OR OIL WELL
- GAS OR OIL LINE
- EXISTING STRIPPING (KEYED TO MODULE 7.5)
- DRIFT MINE OPENING
- SPRING SEEP
- WELL
- DRILLHOLE ○ OVERBURDEN HOLE
- SLOPE MEASUREMENT
- COAL OUTCROP BARRIER
- MINE WORKINGS IDENTIFICATION (KEYED TO MODULE 7.5)
- REGIONAL GROUNDWATER FLOW
- LOCAL GROUNDWATER FLOW
- PROPOSED FINAL HIGHWALL
- DIVERSION DITCH
- COLLECTION DITCH
- TREATMENT PONDS
- SEDIMENTATION PONDS
- RESTRICTED AREA
- VARIANCE AREA
- TOPSOIL STORAGE AREA
- EXISTING PRIME FARMLAND AREA
- RECONSTRUCTED PRIME FARMLAND AREA
- BACKGROUND STREAM SAMPLE
- OTHER BACKGROUND SAMPLE
- MONITORING POINT 8 MOS. & QUART.
- PHASE LINE
- PROPOSED PERMIT AREA 75.5 Acres
- FORESTLAND
- SPOIL STORAGE AREA
- DRAINAGE DIVIDE
- ARCHAEOLOGICAL SITE
- EXISTING ROAD CULVERT
- SS - Smooth Steel
- SC - Concrete
- CMP - Corrugated Metal
- FILTER FENCE BARRIER
- Hydrologic Units
- Abatement Areas

Professional Geologist  
C.G. Walton

## LANDUSE (Pre & Post Mining)

- (F) FORESTLAND
- (C) CROPLAND
- (R) RESIDENTIAL

Seed Mixture  
No. 2 & Woody Mixture No. 1  
No. 2  
No. 2

Note: All ponds, roads, and ditches are temporary.  
To be removed prior to Stage III bond release.

All dwellings are occupied by the landowner  
unless otherwise noted.

All affected areas will be backfilled to  
approximate original contour.

NOTE: THIS MAP COMPILED FROM THE FOLLOWING SOURCES:

U.S.G.S. 7.5 MAP QUADRANGLE MAP(S) CHICORA  
ARMSTRONG COUNTY TAX ASSESSMENT MAP NO.(S) 67.00  
ADDITIONS AND OR DELETIONS ACCORDING TO FIELD RECONNAISSANCE

MSHA ID. NO. 36-05510  
MSHA PIT. NO. 090

IMAPSA 15252

EXHIBIT 6.2: ENVIRONMENTAL RESOURCE MAP

EXHIBIT 9 OPERATIONS MAP

EXHIBIT 18: LAND USE AND RECLAMATION MAP

EXHIBIT 26.4 REMINING MAP

Glacial Minerals, Inc.

P. O. BOX 161 STRATTANVILLE, PENNA. 16258 Phone 814-764-5500

HEDRICK OPERATION

SUGARCREEK TWP., ARMSTRONG CO.

SMP NO. 03890104

DATE 9-14-90  
REVISED 1/28/91 GSA

SCALE 1" = 400'

DWN BY B.G.