

WHITE OPERATION
List of Affected Properties, Contiguous
Properties, and Adjacent Properties

5.1 Permit Area

Property Key

17	Eugene H. & Twila J. Hiner
18	Joseph C. & Linda W. White 3/4 Interest Thomas G. & Cheryl J. Hurd 1/4 Interest
19	Walter A. & Margaret L. Yockey
20	Malone Hrs.
21	James D. & Kathleen M. Goldinger

5.2 Contiguous Area

1	Donald W. & Mavilla O. Minter
8	John L. Chesla Jr.
9	Rodney G. & Lynda J. Fisher
12	Thad J. & Joan Ann Hedrick
13	Violet J. Holly

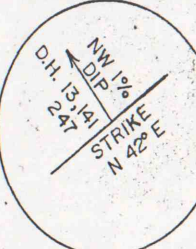
5.3 Adjacent Area (Within 1000 ft.)

3	Steven Stasukinas	11	Anthony Bury
4	c/o Kenneth Stasukinas Ralph Beyer	14	P. & T. Panza
5	Kenneth Stasukinas	15	Kenneth R. Tack Sr. et al.
6	Seneca Resources Corporation	16	Eugene H. & Twila J. Hiner
7	Mavilla C. Minter		
10	Kenneth R. Tack Sr. et al.		
9A	Richard C. & Janice C. Fisher		

HOLE NO.	SURF. ELEV.	U.F.	L.F.-2	L.F.-1	STATIC WATER LEVEL (SWL) WATER BEARING ZONE (WBZ)
134	1346	below horizon	1300	---	WBZ - 1327
139	1405	1366	---	---	---
140	1411	1370	---	---	---
141	1394	1369	---	---	---
142	1379	1365	---	---	---
143	1420	1367	---	---	---
242	1392	1326	---	---	SWL - 1332
88-243	1386	1338	---	---	SWL - 1335
88-245	1311	1302	---	---	SWL - 1302
88-247	1370	1321	---	---	SWL - 1328
88-248	1387	1323	---	---	SWL - 1334
88-258	1452	1348	---	---	SWL - 1358
88-259	1381	1354	---	---	SWL - 1358
260	1411	1345	---	---	SWL - 1350
261	1419	1341	---	---	SWL - 1350
13	1391	1368	---	---	---
14	1398	1374	---	---	---
19	1378	1350	---	---	---
O.B.-9	1415	1328	---	---	---
O.B.-10	1449	1349	---	---	---
O.B.-11	1423	1374	---	---	---
135	1364	---	1339	1320	---
137	1381	---	1346	1328	---
243	1394	1339	---	---	SWL - 1346
244	1389	1336	---	---	SWL - 1354
245	1369	1335	---	---	SWL - 1349
246	1365	1332	---	---	SWL - 1342
247	1381	1333	---	---	SWL - 1342
248	1389	1336	---	---	SWL - 1344
249	1374	1338	---	---	SWL - 1335
250	1373	1342	---	---	SWL - 1345
251	1380	1348	---	---	SWL - 1360
252	1395	1350	---	---	SWL - 1372
253	1414	1347	---	---	SWL - 1368
254	1394	1342	---	---	SWL - 1356
255	1411	1341	---	---	SWL - 1386
256	1403	1333	---	---	SWL - 1375
257	1410	1340	---	---	SWL - 1378
258	1358	1305	1281	---	SWL - 1345
259	1358	1336	---	---	SWL - N/A WBZ-1306

STRIKE & DIP

UPPER FREEPORT



DRILL HOLE TABULATION
(WHITE OPERATION)

UTILITIES

CENTRAL ELECTRIC CO-OP CEC
NATIONAL FUEL GAS NFG
UNITED TELEPHONE UTS
BAKER POWER CO. BPC

NOTE: THIS MAP COMPILED FROM THE FOLLOWING SOURCES:

U.S.G.S. 7.5 MAP QUADRANGLE MAP(S) | CHOCORA

ARMSTRONG COUNTY TAX ASSESSMENT MAP NO.(S) 67.00

ADDITIONS AND OR DELETIONS ACCORDING TO FIELD RECONNAISSANCE

LANDUSE

PRE-MINING	POST-MINING	SEED MIXTURE
Forestland	Forestland	No. 2 B. Woody Mixture No. 1
Pastureland	Pastureland	No. 2
Cropland	Cropland	No. 2
Residential	Residential	No. 2

NOTE: All haul roads, erosion control structures, and ponds are temporary structures. Removal will be prior to application for Stage III bond release.

All affected areas will be backfilled to approximate original contour.

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
- WELL
- DRILLHOLE
- OVERBURDEN HOLE
- SLOPE MEASUREMENT
- COAL OUTCROP
- INFERRED COAL OUTCROP
- 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
- PROPOSED VARIANCE AREA (Twp. Rd.)
- TOPSOIL STORAGE AREA
- EXISTING PRIME FARMLAND AREA
- RECONSTRUCTED PRIME FARMLAND AREA
- BACKGROUND STREAM SAMPLE
- OTHER BACKGROUND SAMPLE
- MONITORING POINT
- PHASE LINE
- PROPOSED PERMIT AREA
- FORESTLAND
- SPILL STORAGE AREA
- DRAINAGE DIVIDE
- PRIME FARMLAND SOIL - TO BE DISQUALIFIED
- EXISTING ROAD CULVERT
- PROPOSED CULVERT
- POST-MINING DRAINAGE PATTERN

KNOWN ARCHAEOLOGICAL SITE (36 AR 309)

100' BARRIER

EXHIBIT 6.2 ENVIRONMENTAL RESOURCE MAP

EXHIBIT 9 OPERATIONS MAP

EXHIBIT 18 LANDUSE & RECLAMATION MAP

SMP 03890102

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

WHITE OPERATION

SUGARCREEK TWP, ARMSTRONG CO.

DATE 2-6-89

Revised 9-19-89

SCALE 1"=400'

DWN BY B.G.

IMAP# 15984