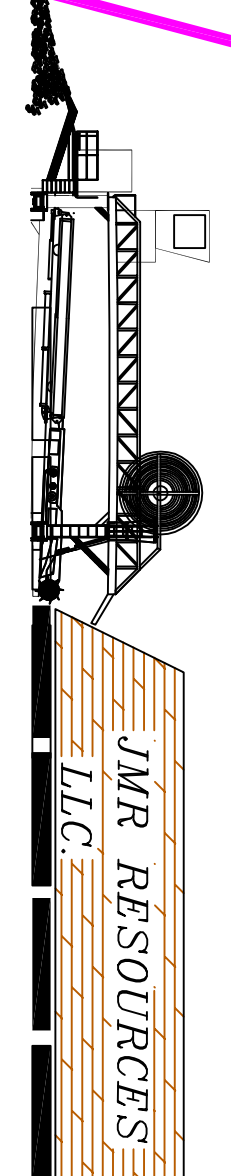


Shields Heirs:
 Homer Douglas Shields
 Mary Hudson
 Michael Shields



**MINING AND RECLAMATION PLAN MAP
 ENVIRONMENTAL RESOURCES INFORMATION MAP**

ADDRESS: 300 CHATEAU ST. PARKVILLE, KY 40372 APPLICATION NO. 861-0561 MAP SCALE: 1"=400'
 QUADRANGLE: BARBOURVILLE COUNTY: BOONE COUNTY: BARBOURVILLE, KY
 APPROX. 2.82 MI. SW. OF CSB. RR. AT AVENUE, KY AND 1.47 MI. SE. OF JCT. OF KY 11 AND SWAN POND ROAD.

| MINE AREA | | PERMITTED |
|-----------|----------------------|-----------|
| SEAM/LEAF | TYPE OF MINING | ACRES |
| | Blue Gem Bench/1200' | 15,000 |
| | Blue Gem Auger/1200' | 22,000 |

| ACCESS ROADS | | WITH LENGTH |
|--------------|-----|-------------|
| EXISTING | NEW | ACRES |
| | | 1.0 |

| STORAGE AREAS | | ACRES |
|----------------------------|--------|-------|
| TYPE | ACRES | |
| Bench Storage Area/1200' | 15.000 | |
| Surface Storage Area/1200' | 22.000 | |

PRE-LAW MINED AREAS OR RECLAIMED

DATE: _____ **REG. #:** _____

I, _____, hereby certify that this map was prepared in accordance with 405 KAR 03.00, section 10, and that the information contained herein is true and correct to the best of my knowledge and belief, and that I am a duly licensed professional engineer registered in the State of Kentucky, and that I am duly qualified to prepare and certify this map.

DATE: _____ MAP DATE: _____