

# ***"MEGA, MEGA MINE"***

**"COULD BE ONE OF AMERICA'S MAJOR SUBTERRANEAN MEGA DATA CENTERS"**

## **IMAGINE !!**

**OVER TWO MILLION SIX HUNDRED THOUSAND SQUARE FEET  
OF  
SUBTERRANEAN 27' UNIFORMLY HIGH OPEN SPACE  
IN A FORMER ONE LEVEL LIMESTONE MINE  
AVAILABLE AT A RIDICULOUSLY INEXPENSIVE COST**

### **LOCATION**

**NEAR OLIVE HILL and LAWTON, CARTER COUNTY, KENTUCKY**

"Mega, Mega Mine" is located within a 186 acre solid rock mountain including a flat working plateau at the base of the former mine. It is located less than an hour's drive west of Huntington, West Virginia, and less than a two hour's drive east of Lexington, Kentucky, off I-64 (**Exhibit A**).

Within its mountain of stone, is an immense former one level limestone mine containing approximately 80 acres all on ONE level entered from its exterior working plateau carved out of one side at the base of the mountain. This internal mine acreage is in addition to the 186 acres of exterior acreage. Over three-quarters of the interior (approximately 60 acres) is a connected series of underground, man-made corridors of very usable open space, the remaining interior, 20 acres are the strong pilasters of stone that support the thick stone ceiling.

This unique interior space is the result of years of uniform mining of its limestone. Its open space consists of long crisscross aisles approximately 32' wide and 27' high from the level stone floor to the level stone ceiling. These aisles crisscross each other in a checker board grid pattern, as shown on the enclosed sketch of the overall interior (**Exhibit B-1**). Also see (**Exhibit B-2**), a photograph of a typical internal section of this mammoth, subterranean area. The floors are flat ultra-deep stone and can be driven over by the heaviest of trucks and equipment with tires or tracks.

The exterior plateau, at mine floor entry level is large enough for buildings and needed parking. There are presently four new foundations with partial cement block walls started on the plateau (**Exhibit C**).

An inspection along with a true analysis of this unusual and spectacular property "Mega, Mega Mine" immediately makes one realize its realistic and huge potential for many, many other uses.

## **FIRST AND MOST IMPORTANT POTENTIAL USE:**

A major sophisticated subterranean mega data storage facility was well-planned and development was begun with new buildings designed and started when it all came to a halt. Why? The key person who was to develop the facility, despite his well-conceived and elaborate ideas, failed to obtain the necessary financial commitments to proceed. The mortgage holder and now again the owner, had no option other than to foreclose on the property and make it available for a unique major mega data storage facility to developers with the experience, knowledge and sufficient assets.

## **SIZE OF THE MINE SPACE:**

The total amount of stone floor open space, in addition to the supporting pilasters is estimated to be approximately 2,613,600 square feet. With the ceilings at 27' (equal to three 9' floors) and the aisles 32' wide, the volume of the space is approximately 70,567,200 cubic feet. Some former mines have ceilings too low for comfortable uses but not here!

## **THIS PROPERTY IS ESPECIALLY WELL-SUITED FOR A MAJOR SUBTERRANEAN MEGA DATA CENTER FOR THE FOLLOWING REASONS:**

1. The development of subterranean mega data centers is very important because they can deliver services on a more inexpensive basis for themselves and customers because of their much cheaper and efficient operating costs.
2. Because security is obviously becoming extremely more important both nationally and internationally and we don't see how any mega data center could be more secure than being operated and protected deep inside the confines of a stone mountain.
3. It presently has a limited number of access points that could even be reduced to one, if desired, any attempt at invasion by those intending to do harm would be very easy to control.
4. For additional security reasons, we are further advised that mega data centers are now being and should be located away from larger metropolitan areas. "Mega, Mega Mine" scores extremely well on this point.
5. We also read that there is a trend toward subterranean data centers for various reasons. The following is a quote from Wikipedia on "Data Centers."  
*"The "lights-out" data center, also known as a darkened or a dark data center, is a data center that, ideally, has all but eliminated the need for direct access by personnel, except under extraordinary circumstances. Because of the lack of need for staff to enter the data center, it can be operated without constant lighting. All of the devices are accessed and managed by remote systems, with automation programs used to perform unattended operations. In addition to the energy savings, reduction in staffing costs and the ability to locate the site further from population centers, implementing a lights-out data center reduces the threat of malicious attacks upon the infrastructure."*
6. Also, in that Wikipedia article under "Data Center Tiers," the last sentence of paragraph 1 states, "Another consideration is the placement of the data center in a subterranean context,

*for data security as well as environmental considerations such as cooling requirements.”*  
Another plus for “Mega, Mega Mine.”

7. The above statement brings forth another advantage “Mega, Mega Mine” has relative to necessary cooling purposes. The space inside the mountain maintains an approximate year round temperature, with exits closed, of only 54°F-56°F. These 70,000,000+ cubic feet of cool air would be relatively very inexpensive for the necessary cooling purposes of servers etc. Servers would all be located in temperatures far below that of surface level mega data centers.
8. EXPANSION GALORE !!  
When the first section of service is near its operational capacity, additional service space will obviously be needed. The ability for continued expansion will be right there for decades to come without the need for building new structures to house it. In addition, this “housing” for future added service sections will not erode or deteriorate regardless of its standby time. Remember, “Mega, Mega Mine” is all stone.
9. Any buildings designed and built for a mega data facility must have extremely strong and dependable floors to easily hold the weight of the many servers and their racks. These solid stone floors could also hold the weight of any and all equipment used to put all the needed racks of servers and other IT equipment in place.

In mega data centers, where many, many server racks are put into place at one time, it creates an extreme amount of weight upon the floors. In “Mega, Mega Mine,” these aisles (32’ wide and 27’ high) would give much more latitude for the installers to maneuver everything into location. These floors of solid stone have no weight limitations.

10. Extremely low comparative construction costs! Where else can such useable interior space be obtained at such a ridiculously low sales price of \$1.11 per square foot and/or .042¢ per cubic foot containing floors, high walls, stone ceilings and a roof already in place.

To erect this much space, 2,613,600 square feet, in a new building, even at \$80.00 per square foot, the cost would exceed \$208,000,000 (two hundred eight million dollars).

11. This property is also well suited for leasing huge amounts of additional space. Any owner could lease enormous amounts of extremely inexpensive warehousing and or manufacturing space within “Mega, Mega Mine” very easily. The owner of the entirety could easily rent all or sections of this abundant space. Even if a mega data center or other major user purchases the entirety, there would be vast amounts of space that could be leased to one or several other users. The owner would have complete control as to whomever they allowed as tenants. Management of the property leased to others would be under complete control of the owner.

#### **GRAPHIC PICTURE OF TOTAL INTERIOR SIZE:**

This example is given strictly for a mental image of the enormous capacity this facility has. A typical large “Sherman” American armored tank is 11’6” wide and 22’1” long consisting of 256 square feet. “Mega, Mega Mine’s” cavernous aisles, being 32’ wide, could store two armored tanks side by side by using approximately 23’ of the 32’ aisle width. This would leave approximately 8’ to 9’ in the remainder of each aisle still.

The 23' of an aisle would be 72% of each aisle's width, therefore, 72% of all space needed for this calculates to be 1,881,792 square feet. By dividing the square footage needed for each armored tank into that specific area of square footage (1,881,792 square feet), means 7,350 full-sized armored tanks could be securely stored inside the mountain.

Is this ridiculous? Yes! Because there is absolutely NO thought of storing 7,350 armored tanks here as it is doubtful our armed forces have that many available for mothballing. As said earlier, however, it gives one an immediate graphic picture of the enormity of the facility's size and capacity.

ATTENTION I.T. WORLD! Many untold thousands of servers could be installed here. There have been many, many use suggestions for this mega amount of protected space but it appears to have so many attributes for a huge mega data center that it is hard for us as owners to conceive of any better and more appropriate potential use.

Where in the entire country could one find such inexpensive square footage or acres of such permanent and waiting easily accessible subterranean space?

PROPERTY COSTS:

	UNBELIEVABLY INEXPENSIVE!!!		-- Only \$1.11 per square foot for 27' high space
			-- Or less than .042¢ per cubic foot
1.	Price per square foot		
	2,613,600 @ \$1.11 per square foot	=	\$2,900,000
2.	OR Price per cubic foot		
	70,567,200 cu ft. @ .042¢ per cubic foot =		\$2,900,000      \$2,900,000.00
3.	Plateau area for exterior buildings, parking and entry etc.	\$	0.00      \$      0.00
4.	Remaining Mountain Top over mine		
	No additional price as it serves as an ultra-thick roof over the mine space	\$	0.00      \$      0.00
	 Total Price including land		 <u>\$2,900,000.00</u>

The pricing of this property also includes the foundations; existing concrete work and partial cement block walls for four buildings now only started on the plateau area as seen in (Exhibit C). Any value of the partially started buildings on the property has not and will not be added to the price. It is difficult to determine what value they may have for new owners who may or may not desire to finish all or any of them for their own specific uses. It is obvious, however, that buildings will be needed for office space and auxiliary uses outside of the mine.

The above pricing could be subject to a buyer's final additional survey. The price would be decreased as per the rates of value listed herein if the chamber area space is found to be smaller by a licensed surveyor. The price would NOT be increased if the respective area of space is found to be greater in total area.

This property is being offered for sale by Harlan C. Williams, 5800 Telegraph Road, Elkton, Maryland, 21921, as president of the owning corporation, Consummation Technologies, Inc., a Delaware Corporation. Harlan C. Williams is a real estate broker licensed in Maryland, Delaware and Pennsylvania; however, he is offering this property not as broker, but as the corporate officer with total owning interest and authority to negotiate a contract of sale.

**P.S. Please see the enclosed additional information relative to Mega, Mega Mine.**

Inspection of the property can be arranged.

Harlan C. Williams, President  
Consummation Technologies, Inc., a Delaware Corporation  
5800 Telegraph Road  
Elkton, MD 21921  
Phone: 410-392-8646  
Cell: 443-553-4942  
Email: [hcwillco@comcast.net](mailto:hcwillco@comcast.net)

## Mega, Mega Mine

This absolutely huge 80 acre former limestone mine consists of a series of 32' wide crisscross aisles with a 27' (3 stories) high ceiling throughout. The conformity of these aisles is created much like a "checkerboard" wherein one out of every four squares is a stone pilaster that supports its unusually high 27' ceiling. This results in 60 acres of completely open stone floor space between the 20 acres of stone pilasters.

These 60 acres of open space equals 2,600,000 square feet of useable space. The price of \$2,900,000 calculates to a ridiculously low \$1.11 per square foot.

If one should decide to construct this much space consisting of stone floors, stone walls and stone ceilings even at the low price of \$100.00 per square foot the price would be \$260,000,000.

Please note that the price for the entirety is based only on the value of the mines huge interior. The fact that Mega, Mega Mine contains 186 acres of exterior surface is all included in the price of the mines huge interior.

One does not go DOWN into this vast mine. This single level mine is entered only from its five to six acre exterior plateau that had been carved out at the base of the stone mountain.

This huge mine had formerly been well designed to become one of the largest and most protected SUBTERRANEAN MEGA DATA CENTERS in the entire country, however, the original investor did not have the financial capabilities to construct his well envisioned idea into a reality.

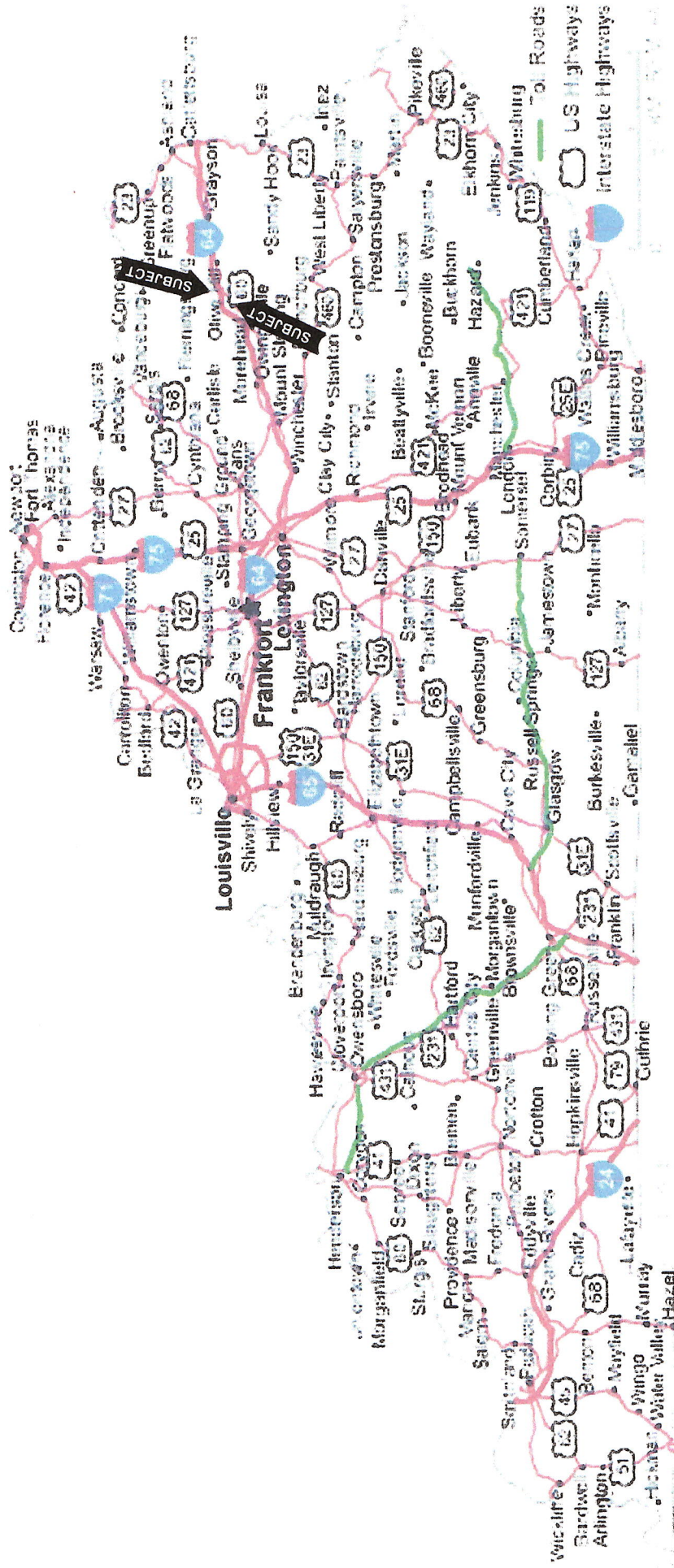
The present owner is offering this one of a kind property with its huge potential to those capable, experienced and well financed mega data center developers who could create one of if not the largest, safest and most secure major subterranean mega data centers in the entire country and perhaps the entire world.

It would become a major attraction for the hundreds of data storage facilities in the United States that now restore their data into other similar data center facilities. These other facilities do not provide the physical protection from potential and complete destruction however!

For those that restore their data in other facilities, wouldn't most of them want to choose at least one facility that offers the most protection possible that could be provided in this impenetrable man made protective mine.

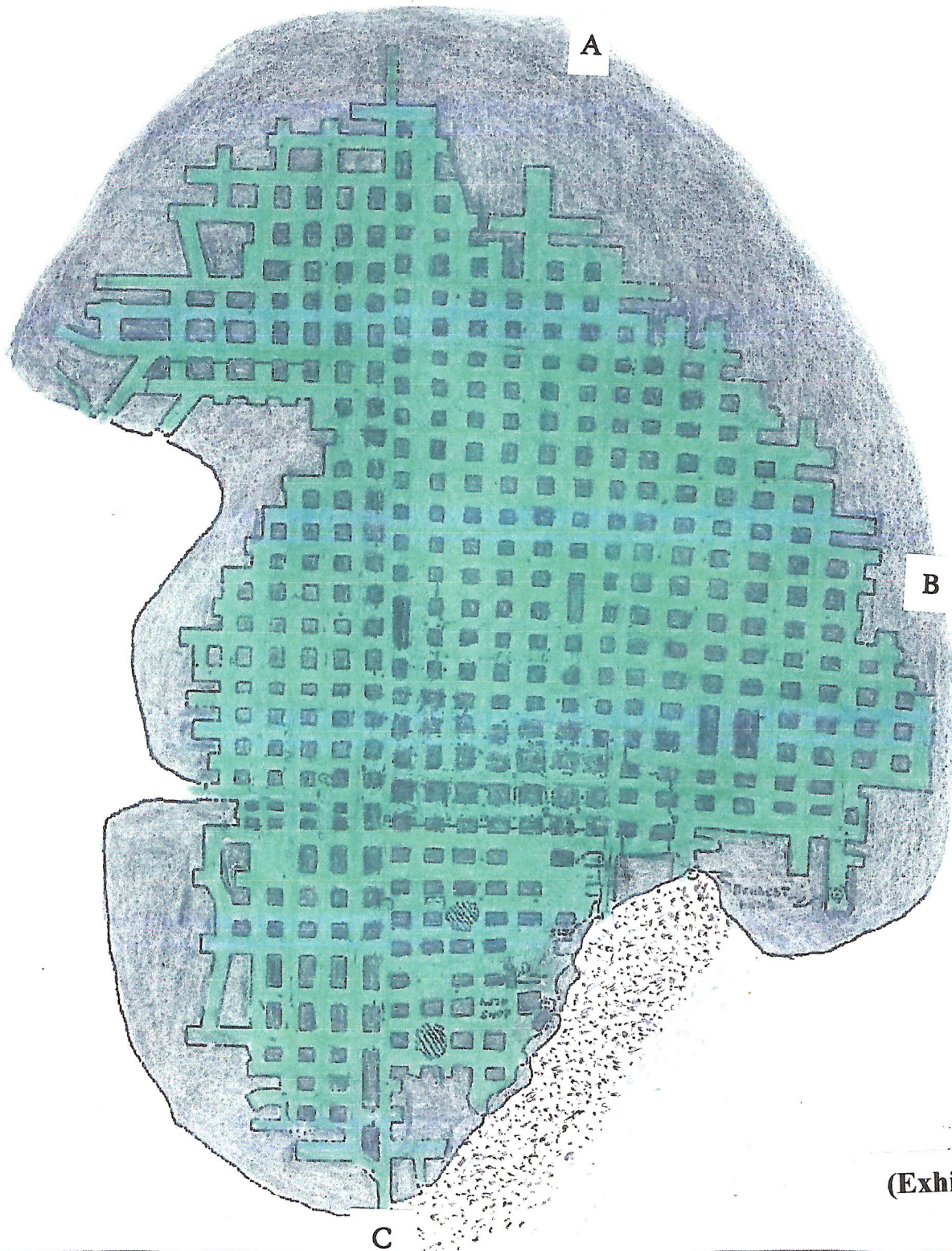
People have a tendency to soon forget the tragedy in New York City when the two huge Twin Towers were completely destroyed by those willing to sacrifice their lives for a sickly cause. Many people also forget the devastating surprise attack the Japanese made on the naval base in Pearl Harbor, which took our country immediately into World War II.

One would think most data center owners would want the assurance of being able to store or retain their electronic data in AT LEAST one facility that would provide the utmost protection possible.



(Exhibit A)

## Sketch of Mega, Mega Mine



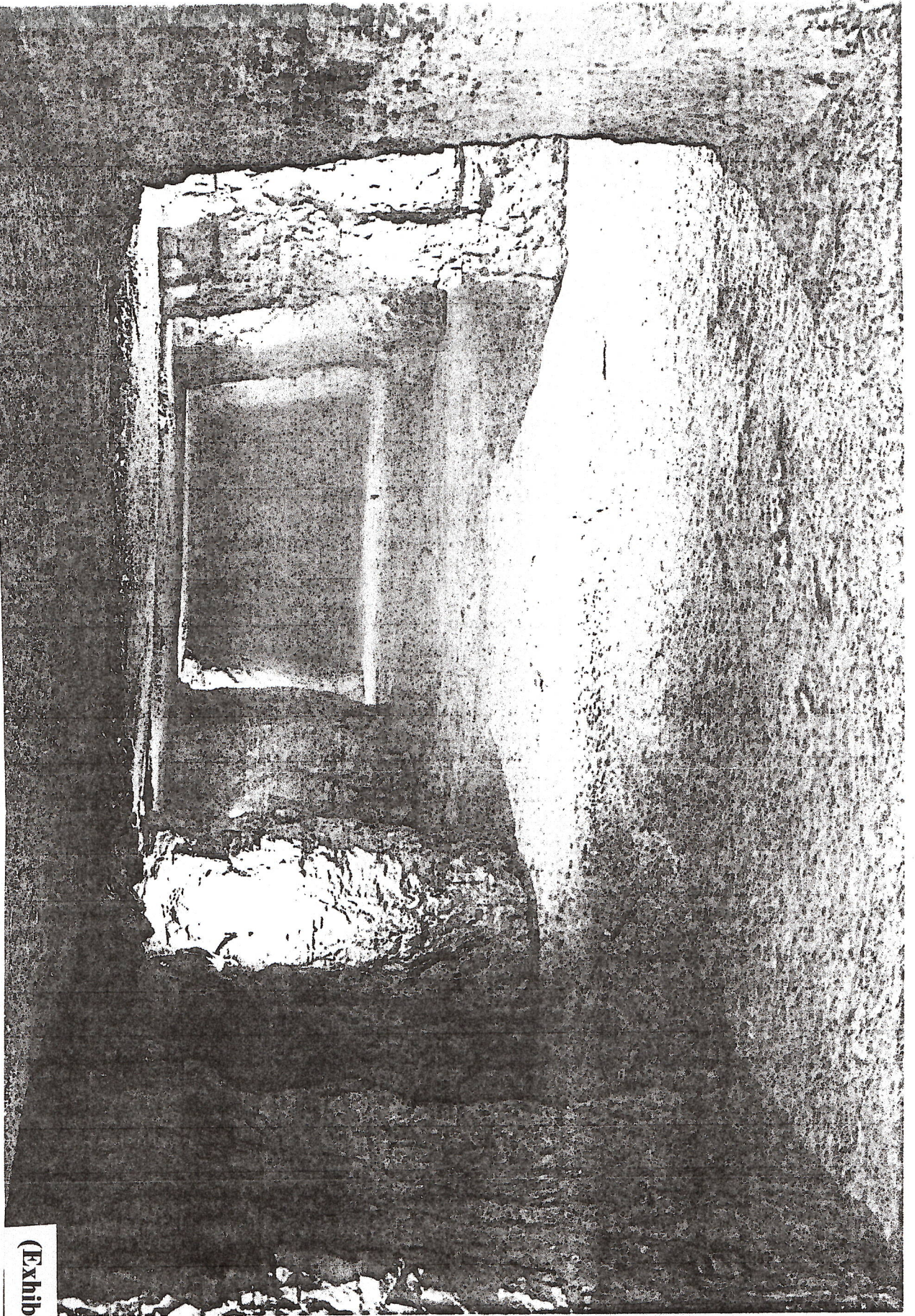
**(Exhibit B-1)**

This sketch plan shows an 80 acre one level former limestone mine within a 186 acre limestone mountain. The green area shows 60 acres of open space of crisscross aisles approximately 32' wide. The black squares are the pilasters of stone that support the 27' high ceiling.

The solid grey color area shows the surrounding Stone Mountain which is deeper between points A & B and the public road touches property at point C.

The dotted area shows the approximate location of the mines level plateau in front of the majority of the mine openings.





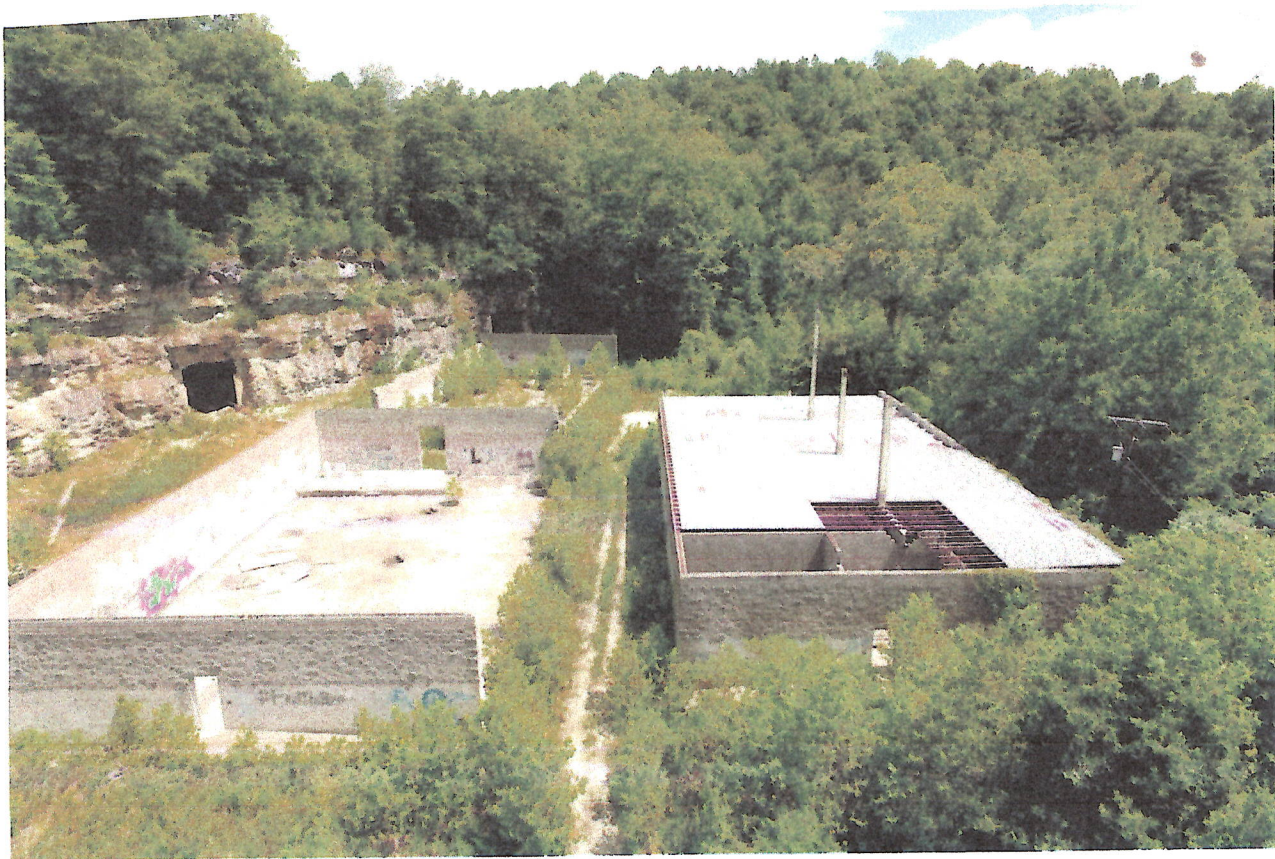
**(Exhibit B-2)**

This picture shows a man standing on one side of a typical aisle within the mine which is 32' wide with a light shining on the 27' high ceiling. This ceiling height is equal to three full floors of a three story house. One has absolutely no feeling inside this spacious mine of being closed in. The man holding the light is 5' 10" tall. The last light seen on the ceiling is two aisles further into the mine. These crisscross aisles are typical throughout the entire 60 acres of open space within this vast mine.



Photo above: Looking along exterior plateau from west to east including the start of one building.

Photo below: The start of three buildings at the easterly mine exterior plateau.



**(Exhibit C)**