



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF MINING PROGRAMS

## BLAST LOADING PLAN

08/21

	HOLE DIA.	MAX # HOLES	MAX # ROWS	BURDEN		SPACING		HOLE DEPTH		STEMMING	
				MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	TYPE
A	6.5"	100	15	10'	20'	10'	20'	20'	65'	10'	Drill Cuttings
B	6.25"	100	15	10'	20'	10'	20'	20'	65'	9'	Drill Cuttings
C	5.5"	150	15	8'	18'	8'	18'	18'	65'	8'	Drill Cuttings
D	4.5"	150	20	8'	15'	8'	15'	15'	65'	7'	Drill Cuttings
E	3.5"	200	20	6'	14'	6'	14'	14'	65'	5'	Drill Cuttings

Maximum explosives weight per delay (less than 8ms): To be determined by seismic monitoring

Minimum Scaled Distance: 27

Method of blast initiation:  Electric  Non-electric  Other (Explain) Digital

Types of explosives: Cast Boosters - Anfo - Iremex - Repump 80/20

Maximum explosives per blast: #48,000

Supply Comments to the above plans keyed to row letter in first column.

A-E All shots will be designed by blasting company to maintain inside the Z curve and all shots will be loaded at the direction of the Licensed Blaster in Charge.