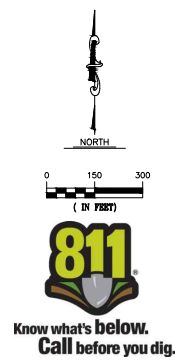


SECTION 20 PHASING TIMELINE			
YEARS TO MINE	CELL #	PHASE	SURRY WALL CURTAIN AREA-SQ-FT
0.4	CELL 1 FWP		NA
1.4	CELL 2 SP		NA
0.5		1	
0.5		2	
0.4		3	
2.5	CELL 3 3:1		348,850
0.8		1	-
0.9		2	-
0.7		3	-
2.4	CELL 4 3:1		302,830
0.9		1	
1.0		2	
0.5		3	
2.3	CELL 5 3:1		562,000
1.1		1	
1.2		2	
3.8	CELL 5S 3:1		NA
0.9		1	
1.1		2	
0.9		3	
0.8		4	
1.3		2	
1.1		3	
1.2		4	
4.0	CELL 6 3:1		355,300
1.1		1	
0.8		2	
1.1		3	
0.9		4	
1.6	CELL 7 3:1		231,880
0.9		1	
0.8		2	
1.5		4	
1.6	CELL 8 3:1		168,700
0.8		1	
0.8		2	
20.0 YEARS TOTAL			

- INFILTRATION POND MAINTENANCE (TO BE PERFORMED ANNUALLY OR AS NEEDED):
1. DISC OR OTHERWISE AERATE POND BOTTOM.
 2. INSPECT POND FOR SEDIMENT BUILDUP.
 3. CLEAR POND BOTTOM AND INLET OF DEBRIS.
 4. REPAIR UNDERCUT AND ERODED AREAS AT INFLOW AND OUTFLOW STRUCTURES.
 5. SCRAPE BASIN BOTTOM AND REMOVE SEDIMENT TO MAINTAIN INFILTRATION RATE (AS NEEDED).



- * EASTERN UNDERDRAIN OR DEWATERING WELLS INSTALLED CONCURRENT WITH CELL 4 (APPROX 3 DEWATERING WELLS OR 2,500' OF 24" SLOTTED PIPE)
- * CONSTRUCT INFILTRATION POND

- * WESTERN UNDERDRAIN
INSTALLED CONCURRENT WITH
CELL 6 \approx 1,894 LF OF 24"
SLOTTED PIPE

LEGEND:

- | | |
|--|------------------------------|
| | PROPOSED BOUNDARY |
| | SLURRY WALL ALIGNMENT |
| | PROPOSED MINE LIMIT |
| | PROPOSED MAJOR CONTOUR |
| | PROPOSED MINOR CONTOUR |
| | EXISTING BARBED WIRE FENCE |
| | EXISTING EDGE OF PAVEMENT |
| | EXISTING EASEMENT |
| | SECTION LINE |
| | EXISTING RIGHT OF WAY |
| | PROPOSED UNDERDRAIN |
| | EXISTING GAS LINE |
| | EXISTING WATER LINE |
| | PROPOSED ACCESS ROAD |
| | EXISTING DIRT ROAD |
| | EXISTING BURIED ELECTRICAL |
| | EXISTING OVERHEAD ELECTRICAL |
| | EXISTING FIBER OPTIC |
| | WATERWAY |
| | MONITORING WELLS |
| | ELECTRICAL BOX |
| | OVERHEAD ELECTRIC POLE |

- NOTES:
1. VOLUMES ASSUMES MINING AT A 3:1 MINE SLOPE.
 2. YEARS TO MINE FOR EACH PHASE ASSUME AN AVERAGE MINING RATE OF 2,000,000 TONS OF AGGREGATE PER YEAR AND 1.5 TONS OF AGGREGATE PER CUBIC YARD.
 3. SLURRY WALL CURTAIN AREAS ASSUME THAT ADJACENT CELLS WILL SHARE AN DIVIDING CURTAIN WALL.
 4. SLURRY WALL CURTAIN AREAS ASSUME THE FOLLOWING AVERAGE DEPTH TO BEDROCK - CELL 3: 50'
 - CELL 4: 55'
 - CELL 5: 55' ALONG WESTERN QUARTER, 80' ALONG SOUTHERN HALF
 - CELL 6: 55'
 - CELL 7: 55'
 - CELL 8: 50'

[illegible]