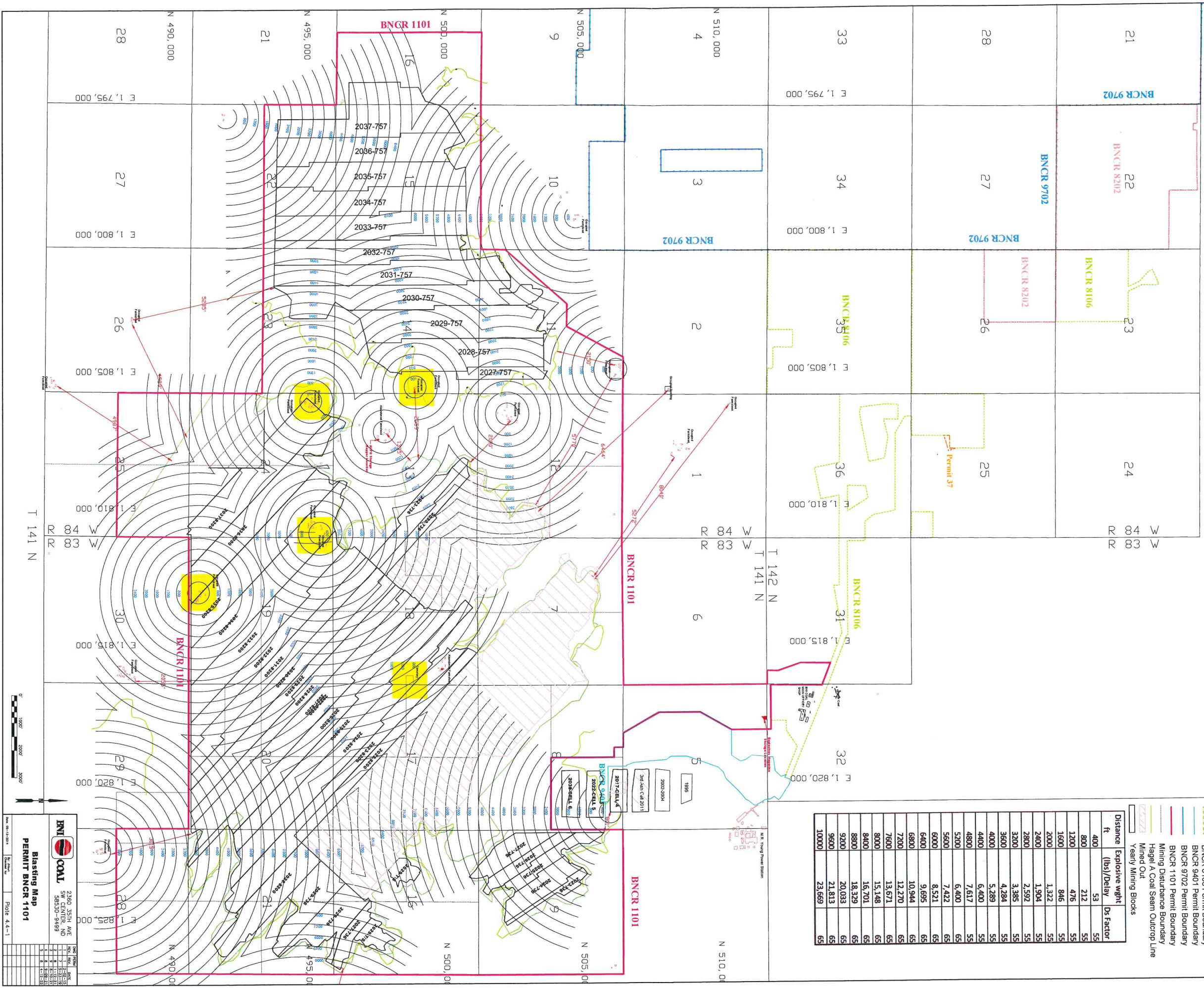


LEGEND

- Area Unsuitable For Blasting
- BNCR 8106 Permit Boundary
- BNCR 9401 Permit Boundary
- BNCR 9702 Permit Boundary
- BNCR 1101 Permit Boundary
- Mining Disturbance Boundary
- Hagel A Coal Seam Outcrop Line
- Mined Out
- Yearly Mining Blocks

Distance ft	Explosive weight (lbs)/Delay	Ds Factor
400	53	55
800	212	55
1200	476	55
1600	846	55
2000	1,322	55
2400	1,904	55
2800	2,592	55
3200	3,385	55
3600	4,284	55
4000	5,289	55
4400	6,400	55
4800	7,617	55
5200	8,940	65
5600	10,371	65
6000	11,910	65
6400	13,557	65
6800	15,312	65
7200	17,175	65
7600	19,146	65
8000	21,225	65
8400	23,412	65
8800	25,707	65
9200	28,110	65
9600	30,621	65
10000	33,240	65



**BNCR COAL**  
 2360 35TH AVE  
 SHERIDAN, ND  
 58505-9499

**Blasting Map**  
**PERMIT BNCR 1101**

Scale: 1" = 1000'  
 Plate: 4.4-1