

Construction activities will be minimized. Existing roads will be used wherever possible. Any road spurs required will be constructed in such a manner as to minimize erosion and disturbance to the land surface using a dozer and/or track mounted excavator. The removal of trees will be avoided where possible. Brush will be disposed in accordance to the agreement with the landowners. The amount of surface disturbance necessary will depend on the drill site. The amount of disturbance at each drill site will be kept to a minimum. A pit for the collection of drill cuttings and fluids will be excavated with a backhoe at each location. The pit will be approximately 8 ft by 40 ft by 6 ft deep. The pit will be pumped on a regular basis and all fluids transported to a disposal site at the New Elk Mine. The pit will be backfilled upon completion of the drilling activity. Present plans call for one pit per drill site.

Drill hole depth and estimated acreage of disturbance for road and site construction is included in **Table 1.2**.

Table 1.2: Drill Hole Estimated Disturbance Area					
Hole no.	Estimated Site Area (sf)	Estimated New Road (ft)	Estimated Site (Acres)	Estimated New Road (Acres)	Estimated total Disturbance (Acres)
NE-01-20	3600	0	0.083	0.000	0.083
NE-02-20	3600	20	0.083	0.048	0.131
NE-03-20	3600	50	0.083	0.077	0.160
NE-04-20	3600	3950	0.083	1.270	1.352
NE-07-20	3600	5220	0.083	1.678	1.760
NE-09-20	3600	70	0.083	0.032	0.115
NE-10-20	3600	0	0.083	0.000	0.083
NE-12-20	3600	500	0.083	0.174	0.256
Total	28800	10200	0.661	3.278	3.939

The irregular terrain precludes making an accurate estimate of the amount of material to be disturbed. Each pad is estimated to disturb 3,600 square feet.

Approximately 10,200 foot of road will be necessary. All new proposed roads follow previous roads. The road details are explained in detail in Section 2.05.3 (c).

Drilling activities will include rotary and core drilling. Hole diameter will be 3 inches while rotary drilling and a 5 inch diameter core when coring. Drilling fluids include air and water with a mist foaming agent and drilling mud if necessary. All chemicals used will be biodegradable so as not to adversely impact the surrounding area or any groundwater which may be encountered.