

## 6.4.4 EXHIBIT D – Mining Plan

- (a) This mine operation will consist of stripping the topsoil and storing in on the west end of the property. The gravel will be mined out with excavators and screened to produce CDOT Class 5 and 6 roadbase material. This material will be exported via WCR 29 to WCR 100. Larger aggregate will be piled and stored onsite to be sold separately. Reclaiming will begin along the east end adjacent to Industrial Drive by placing the topsoil at this location and reseeding.
- (b) Earthmoving will be done with excavators, dozers, scrappers and trucks.
- (c) No water is anticipated for this mining as the water table is so low.
- (d) We anticipate beginning with the eastern most 8 acres and working west then north. The topsoil will be stockpiled on the western edge of the property.
- (e) We would like to start operations in July 2022 and anticipate mining these 40 acres over the next 5 years with an anticipated reclamation beginning March of 2025.

The top 2 to 6 inches of topsoil of the 8 acres will be scrapped off and stockpiled along the west end of the property to take 2 to 5 days per 8 acres. The next 20 to 25 feet will be mined for road base. We anticipate mining 8 acres at a time over a one-year process. We anticipate reclamation taking 5 to 30 days for soil placement and seeding.
- (f) Please see the attached Exhibit C.h for location and arial mapping.
  - (i) The nature, depth and thickness of the deposit is approximately 60 feet. We are only mining the first 20 to 25 feet of the deposit.
  - (ii) The nature of the stratum immediately beneath the material is gravel 'Dacono Clay Loam'.
- (g) The Primary commodity is CDOT Class 5 and 6 Roadbase. The secondary commodity is aggregate larger than ¾ inch, typically 1 inch to 6-inch cobble.
- (h) The roadbase is to be sold and used for gravel public/private roadways and structural fill material. Larger aggregate will be sold and used for construction operations, landscaping, etc.
- (i) No explosives will be used in the mining of this gravel resource.
- (j) Industrial Drive (WCR 29) is an existing gravel roadway in the Town of Nunn. This roadway has a driving surface 30 feet in width in a 60-foot Right-Of-Way. This roadway will be maintained by VIP Mine LLC while the mine is in operation. No new improvements are needed for this roadway. No drainage or runoff conveyance structures are anticipated for this site.