

C&J Gravel BLM active current stockpile area (see map 2 for reference)
36.01 acres of active pit floor (on BLM property, not including slopes)

1. Southwest slope shaping on Southern boundary:

-D10T: 8 hours \$2,000

A. 2.23 acres

B. 120' maximum push

2. Shape dirt slopes of old Southern mining hole:

-D10T: 60 hours \$15,000

A. 4.78 acres

B. 150' maximum push

3. 3:1 dirt slope on the pool table East of the stationary crusher

-D10T: 3hours \$750

A. .75 acres

B. 70' maximum push

4. Fill the remainder of the northern hole

-D10T: 6 hours \$1,500

A. .83 acre

B. 200' maximum push

5. Rip existing pit floor

-D10T: 36.01 hours \$9,002.50

A. 12" rip depth

B. 36.01 acres

6. Place overburden over the pit floor

-D10T: 18.59 hours \$ 4,647.50

-A35-C: 48.93 hours \$ 3,767.61

-982M: 12.23 hours \$ 2,024.06

A. 36.01 acres

B. 36.01 acres @ 6" = 27,890.96 yds³ dirt

C. 500' maximum haul distance from numerous loadout zones; using a Volvo A35-C.

D. $27,890.96 \text{ yds}^3 \div 19 = 1,467.94 \text{ loads @ } 2.00 \text{ min per load}$

I. 30 second load time. 2 passes with a Cat 982M

II. 45.44 seconds drive to dump site and back @ 15MPH

III. 45 seconds to dump material

E. Cat 982M: $1,467.94 \text{ loads @ } 30 \text{ seconds per load} = 12.23 \text{ hours}$

F. Cat D10T: $27,890.96 \text{ yds}^3 \text{ @ } 1,500 \text{ yds}^3 \text{ hour} = 18.59 \text{ hours}$

7. Seeding

-36 hours labor \$900

-813.82 pounds \$8,138.2

A. 36.01 acres

B. 813.82 pounds of seed hand broadcasted @22.6 pounds per acre

8. Potential partial release. This is the area North West of the office rapping around the corner all the way to the rear. The dirt work is done, we just need to allow time for the seed to take off. (see map 3 for reference)

-19.10 acres

9. Full release: The area east of the office and in front of the shop. This area has sustained solid growth for numerous years and should be close to a full release. (see map 3 for reference)

-5.68 acres

Summary

Cat D10T: \$32,900

Cat 982M: \$2,024.06

Volvo A35: \$3,767.61

Labor: \$900

Seed: \$8,138.20

\$47,729.87