

C&J Gravel private property reclamation cost (see map 4 for reference)

-9.98 acres: this area is only covering the batch plant, office, mechanic shop and lay down yard.

1. Rip the existing floor

-D10T: 10 hours \$2,500

A. 9.98 acres

B. 12" rip depth

2. Place overburden over the disturbed area

-D10T: 5.15 hours \$1,287.50

-A35-C: 18.71 hours \$1,440.67

-Cat 982M: 3.38 hours \$559.39

A. 9.98 acres

B. 9.98 acres @ 6" = 7,728.51 yds³ dirt

C. 1,000' maximum haul distance from loadout zone; using a Volvo A35-C

D. $7,728.51 \div 19 = 406.76$ loads @ 2.76 min per load

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

II. 1.51 minutes round trip @15mph

III. 45 seconds to dump

E. Cat 982M: 406.76 loads @30 seconds per load = 3.38 hours

F. Cat D10T: 7,728.51 yds @ 1,500 hour = 5.15 hours

3. Seeding

-10 hours labor \$250

-225.54 pounds \$2,255.40

A. 9.98 acres

B. 225.54 pounds of seed hand broadcasted @ 22.6 pounds per acre

4. We also plan on leaving all existing roads and will not be reclaiming those for future access and development purposes

Summary

Cat D10T: \$3,787.50

Cat 982M: \$559.39

Volvo A-35: \$1,440.67

Labor: \$250

Seed: \$ 2,255.40

\$8,292.96