



**C&J GRAVEL  
PRODUCTS, INC.**

## Montoya Pit

27661 HWY 160 Durango, Co 81301

2024 updated reclamation cost

- reclamation cost: current mining area  
35.43 acres (See Map L1)

1: Northwest corner shaping 7.05 acres:

-Cat D10T: 30 hours \$7,500

A. 7.05 acres

B. 200' maximum push

2: Southwest corner shaping

-Cat D10T: 8 hours \$2,000

A. 1.44 acres

B. 150' maximum push

3: Northwest slope soil placement (Map 1)

-Volvo A35-C: 12.58 hours \$968.66

-Cat 982M: 2.39 hours \$395.54

-Cat D10T 3.64 hours \$910

A. 7.05 acres: 6" overburden = 5,460yd<sup>3</sup>

B. 816' maximum haul distance

C. A-35C: 287 loads @ 2.63 min per load

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

II. 1.23 minutes haul time roundtrip @ 10MPH

III. 45 seconds to dump material

D. Cat 982M: 287 loads @ 30 seconds each = 2.39hrs

E. Cat D10T: 5,460yds<sup>3</sup> @ 1,500yds<sup>3</sup> hour = 3.64hrs

4. Southwest slope soil placement

-Volvo A35-C: 2.58 hours \$198.66

-Cat 982M: .49 hours \$81.09

-Cat D10T: .74 hours \$185

A. 1.44 acres:

B. 1.44 acres @ 6" = 1,119.2 yds<sup>3</sup> dirt

C. 816' maximum haul distance

D. A35-C: 58.90 loads @ 2.63 min per load

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

II. 1.23 minutes haul time @10mph

III. 45 seconds to dump material

E. Cat 982M: 58.9 loads @ 30 seconds each = .49hour

F. Cat D10T: 1,119.2yds<sup>3</sup> @1,500yds<sup>3</sup> hour = .74hour

5: Rip pit floor

D10T : 25.25 hours \$6,312.50

A. 25.12 acres

B.12" rip depth

6: Place overburden/topsoil over the pit floor 25.12 acres

- Volvo A-35C 29.01 hours \$2,233.77

-Cat 982M 8.53 hours \$1,411.71

-Cat D10T 12.97hours \$ 3,242.50

A. 25.12 acres

B. 25.12 acres @ 6" = 19,456.97 yd3 dirt

C. 600' max haul distance from numerous load out zones; using a Volvo A-35 articulated haul truck with the capability of holding 19 cubic yards heaped.

D. A-35C:  $19,456.97 \text{ yd}^3 \div 19 = 1,024 \text{ loads @ } 1.7 \text{ min per load}$

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

II: 27 seconds drive to the dump site @15mph

III: 45 seconds to dump material

E. Cat 982M:  $1,024 \text{ loads @ } 30 \text{ seconds per load} = 8.53 \text{ hours}$

F. Cat D10T:  $19,456.97 \text{ yd}^3 @ 1,500 \text{ yd}^3 \text{ per hour} = 12.97 \text{ hours}$

7: Seed permit area

-35hr labor \$875

-800.71 pounds seed \$8,007.10

A: Pit floor + slopes = 35.43 acres

B: Hand broadcast 800.71 pounds of seed hand broadcasted @ 22.6 pounds per acre

Summary

Cat D10T:\$20,150

Cat 982M: \$1,888.34

Volvo A35: \$3,401.09

Labor: \$875

Seed: \$8007.10

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\$34,321.53

Map L1 Source: Kespri



C&J Gravel BLM active current stockpile area ( see map L2)

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 yds<sup>3</sup> 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

Summary

Cat D10T: \$32,900

Cat 982M: \$2,024.06

Volvo A35: \$3,767.61

Labor: \$900

Seed: \$8,138.20

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\$47,729.87



Map L2 Source: Kespry





The properties belonging to Gilleland Enterprises LLC property will leave all structures in place after mining and reclamation are completed. These areas include the current office and mechanic repair facility. The flat usable pit floor could provide around 9.98 acres of commercial real estate. These structures could serve as future commercial office and shop spaces. The main access road will also stay in place to serve the Gilleland enterprise properties.





Reclaimed slopes: See Map L4

1. The 2 sections below need to be acknowledged and adjusted in our current bond
2. The 5.68 acres: Reclamation for this area has been completed and sitting for the last 10 years. We believe that the stable slopes combined with the adequate vegetation it should be considered for full release.
3. The 19.10 acres: We finished reclamation in 2020 and seeded it. It should be considered for a partial release since the major earth moving has been completed and hasn't showed any major eroding or settling. We are currently waiting for adequate growth of vegetation.

Map L4 Source: Kespry

