



**MINERAL PROSPECTING DRILL HOLE**  
**PERMANENT ABANDONMENT FINAL REPORT**

Pursuant to the terms of 34-32-113(5.5)(d) and (e) of the Act and Rule 5.7 of the Mineral Rules and Regulations of the Colorado Mined Land Reclamation Board for Hard Rock, Metal, and Designated Mining Operations, abandonment reports shall be submitted to the Division within 60 days of abandonment for any drill hole with artesian flow, or within 12 months of abandonment for any other drill hole.

La Plata

(PROSPECT SITE NAME)

P 2020-011

(PROSPECT NOI No.)

**I. DRILL HOLE:** Drill Hole I.D. No.

LAP23-05

For this Section I, please attach completed drill hole logs OR complete the following information:

909.00m

(Total Depth)

9.55m

(Depth of Unconsolidated Material)

899.45m

(Depth of Penetration into Bedrock)

Was water encountered:

No

☒

Yes

☐

if so, at what depth(s):

Was water encountered in either Volcanic or Sedimentary Rock: No

☒

Yes

☐

Date Drilled:

7/20/2023-8/19/2023

Date Permanently Abandoned:

8/19/2023

**II. OPERATOR (PROSPECTOR) :**

CoreExplore Drilling Services Corp

(Name)

1412 Main Street North

(Address)

Callander

(City)

Ontario

(State)

P0H 1H0

(Zip)

(705) 476-9599

(Telephone No.)

**DRILLER:**

Edward Nightingale

(Name)

1412 Main Street North

(Address)

Callander

(City)

Ontario

(State)

P0H 1H0

(Zip)

(705) 476-9599

(Telephone No.)

**III. LOCATION:**

The following information is required for ALL prospecting drill holes:



1/4 of the  1/4 of Section  Township  Range

Principal Meridian  County

If the area has not been surveyed, supply the Longitude  West and Latitude  North, or attach a location map, preferably a USGS Quad.

The following additional information is required for artesian flowing holes:

Feet ☐ North ☐ South from the ☐ South ☐ North section line

feet ☐ east ☐ West from the ☐ west ☐ East section line

**NOTE:** In the case of closely spaced drill holes having similar geologic and hydrologic characteristics, the Operator may, with the approval of the Division, submit a single consolidated final report including the location of all drill holes and a description of abandonment technique. In such case, complete one abandonment final report form and attach a list of drill hole locations. If more space is needed to provide any of the information for this form, please attach separate sheets.

**IV.** Complete Either Subsection **A** or **B**:

**PERMANENT ABANDONMENT** (Check either box 1 or subsection 2 boxes as appropriate and provide the requested information)

☒ 1. Plugged dry hole, method of plugging:

Depth at which concrete plug set:  feet below ground surface.

☐ 2. Sealed Hole (when groundwater is encountered):

☐ 2a. Neat Cement Grout, top to bottom: grout mixture used:

Intervals grouted (feet beneath ground surface, method and materials):

☐ 2b. Neat Cement Grout, interval grouting: grout mixture used:

Intervals grouted (feet beneath ground surface, method and materials):

☒ 2c. Abandonment Fluid Mixture (Such as Sodium Bentonite with Polymer) Brand Name:

Marsh Funnel viscosity of abandonment fluid:  sec.

Type of surface plugging used:

VK grout plug with cement to surface

Depth at which plug set:

21m

feet below ground surface,

Method:

☐

2d. Other method used with approval of the Division of Reclamation, Mining and Safety; describe in detail method and materials used on a separate attached sheet.

## B. CONVERSION TO A WATER WELL

State Engineer's Permit No.:

(attach copy of permit)

County Where Well is Located:

Water Well Use:

## V. METHOD OF RECLAIMING DRILL SITE SURFACE DISTURBANCE:

Historic road bed drill site - site cleaned at end of drill season.

The Operator who conducted the prospecting drill operation states that the information set forth hereupon is true to the best of their knowledge.

Edward Nightingale

(Name of Operator's Representative)

Drilling Foreman

(Title)



(Signature of Operator's Representative)

November 29, 2023

(Date)





**MINERAL PROSPECTING DRILL HOLE**  
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La Plata (PROSPECT SITE NAME) P 2020-011 (PROSPECT NOI No.)

**I. DRILL HOLE:** Drill Hole I.D. No.

LAP23-06

For this Section I, please attach completed drill hole logs **OR** complete the following information:

1350.41m

(Total Depth)

12.30m

(Depth of Unconsolidated Material)

1338.11m

(Depth of Penetration into Bedrock)

Was water encountered: No ☒ Yes ☐ if so, at what depth(s):

Was water encountered in either Volcanic or Sedimentary Rock: No ☒ Yes ☐

Date Drilled:

8/20/2023-10/2/2023

Date Permanently Abandoned:

10/2/2023

**II. OPERATOR (PROSPECTOR) :**

CoreExplore Drilling Services Corp

(Name)

1412 Main Street North

(Address)

Callander

(City)

Ontario

(State)

P0H 1H0

(Zip)

(703) 476-9599

(Telephone No.)

**DRILLER:**

Edward Nightingale

(Name)

1412 Main Street North

(Address)

Callander

(City)

Ontario

(State)

P0H 1H0

(Zip)

(703) 476-9599

(Telephone No.)

**III. LOCATION:**

The following information is required for ALL prospecting drill holes:

Physical Address: 1313 Sherman Street, Room 215, Denver, CO 80203 P 303.866.3567 F 303.832.8106

Mailing Address: DRMS Room 215, 1001 E 62nd Ave, Denver, CO 80216 <https://drms.colorado.gov>

Jared S. Polis, Governor | Dan Gibbs, Executive Director | Virginia Brannon, Director





☐ NW 1/4 of the ☐ SE 1/4 of Section  Township  Range

Principal Meridian  County

If the area has not been surveyed, supply the Longitude  West and Latitude  North, or attach a location map, preferably a USGS Quad.

The following additional information is required for artesian flowing holes:

Feet ☐ North ☐ South from the ☐ South ☐ North section line

feet ☐ east ☐ West from the ☐ west ☐ East section line

**NOTE:** In the case of closely spaced drill holes having similar geologic and hydrologic characteristics, the Operator may, with the approval of the Division, submit a single consolidated final report including the location of all drill holes and a description of abandonment technique. In such case, complete one abandonment final report form and attach a list of drill hole locations. If more space is needed to provide any of the information for this form, please attach separate sheets.

**IV.** Complete Either Subsection **A** or **B**:

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☒ 1. Plugged dry hole, method of plugging:

Depth at which concrete plug set:  feet below ground surface.

☐ 2. Sealed Hole (when groundwater is encountered):

☐ 2a. Neat Cement Grout, top to bottom: grout mixture used:

Intervals grouted (feet beneath ground surface, method and materials):

☐ 2b. Neat Cement Grout, interval grouting: grout mixture used:

Intervals grouted (feet beneath ground surface, method and materials):

☒ 2c. Abandonment Fluid Mixture (Such as Sodium Bentonite with Polymer) Brand Name:

Marsh Funnel viscosity of abandonment fluid:  sec.

Type of surface plugging used:

VK grout plug with cement 30-45m, casing 30m to surface

Depth at which plug set:

45m

feet below ground surface,

Method:

☐

2d. Other method used with approval of the Division of Reclamation, Mining and Safety; describe in detail method and materials used on a separate attached sheet.

## B. CONVERSION TO A WATER WELL

State Engineer's Permit No.:

(attach copy of permit)

County Where Well is Located:

Water Well Use:

## V. METHOD OF RECLAIMING DRILL SITE SURFACE DISTURBANCE:

Historic road bed drill site - site cleaned at end of drill season.

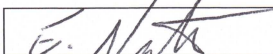
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Edward Nightingale

(Name of Operator's Representative)

Drilling Foreman

(Title)



(Signature of Operator's Representative)

November 29, 2023

(Date)

**COLORADO**Division of Reclamation,  
Mining and Safety

Department of Natural Resources

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La Plata  
(PROSPECT SITE NAME)P 2020-011  
(PROSPECT NOI No.)**I. DRILL HOLE:** Drill Hole I.D. No.

LAP23-07

For this Section I, please attach completed drill hole logs OR complete the following information:965.31m  
(Total Depth)10.90m  
(Depth of Unconsolidated Material)954.41m  
(Depth of Penetration into Bedrock)Was water encountered: No ☒ Yes ☐ if so, at what depth(s):Was water encountered in either Volcanic or Sedimentary Rock: No ☒ Yes ☐

Date Drilled: 10/2/2023-10/23/2023

Date Permanently Abandoned: 10/23/2023

**II. OPERATOR (PROSPECTOR) :**CoreExplore Drilling Services Corp  
(Name)1412 Main Street North  
(Address)Callander  
(City)Ontario  
(State)POH 1H0  
(Zip)(703) 476-9599  
(Telephone No.)**DRILLER:**Edward Nightingale  
(Name)1412 Main Street North  
(Address)Callander  
(City)Ontario  
(State)POH 1H0  
(Zip)(703) 476-9599  
(Telephone No.)**III. LOCATION:**The following information is required for ALL prospecting drill holes:

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Jared S. Polis, Governor | Dan Gibbs, Executive Director | Virginia Brannon, Director





1/4 of the  1/4 of Section  Township  Range

Principal Meridian  County

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The following additional information is required for artesian flowing holes:

Feet ☐ North ☐ South from the ☐ South ☐ North section line  
 feet ☐ east ☐ West from the ☐ west ☐ East section line

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**IV.** Complete Either Subsection **A** or **B**:

**PERMANENT ABANDONMENT** (Check either box 1 or subsection 2 boxes as appropriate and provide the requested information)

☒ 1. Plugged dry hole, method of plugging:

Depth at which concrete plug set:  feet below ground surface.

☐ 2. Sealed Hole (when groundwater is encountered):

☐ 2a. Neat Cement Grout, top to bottom: grout mixture used:

Intervals grouted (feet beneath ground surface, method and materials):

☐ 2b. Neat Cement Grout, interval grouting: grout mixture used:

Intervals grouted (feet beneath ground surface, method and materials):

☒ 2c. Abandonment Fluid Mixture (Such as Sodium Bentonite with Polymer) Brand Name:

Marsh Funnel viscosity of abandonment fluid:  sec.

Type of surface plugging used:

VK grout plug with cement 21-30m, casing 21m to surface

Depth at which plug set:

30m

feet below ground surface,

Method:

☐

2d. Other method used with approval of the Division of Reclamation, Mining and Safety; describe in detail method and materials used on a separate attached sheet.

## B. CONVERSION TO A WATER WELL

State Engineer's Permit No.:

(attach copy of permit)

County Where Well is Located:

Water Well Use:

## V. METHOD OF RECLAIMING DRILL SITE SURFACE DISTURBANCE:

Historic road bed drill site - site cleaned at end of drill season.


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Edward Nightingale

(Name of Operator's Representative)

Drilling Foreman

(Title)



(Signature of Operator's Representative)

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La Plata  
(PROSPECT SITE NAME)

P 2020-011  
(PROSPECT NOI No.)

**I. DRILL HOLE:** Drill Hole I.D. No.

LAP23-08

For this Section I, please attach completed drill hole logs OR complete the following information:

1304.78m  
(Total Depth)

9.00m  
(Depth of Unconsolidated Material)

1295.78m  
(Depth of Penetration into Bedrock)

Was water encountered: No ☒ Yes ☐ if so, at what depth(s):

Was water encountered in either Volcanic or Sedimentary Rock: No ☒ Yes ☐

Date Drilled: 10/23/2023-11/28/2023 Date Permanently Abandoned: 11/28/2023

**II. OPERATOR (PROSPECTOR) :**

CoreExplore Drilling Services Corp  
(Name)

1412 Main Street North  
(Address)

Callander  
(City)

Ontario  
(State)

POH 1H0  
(Zip)

(703) 476-9599  
(Telephone No.)

**DRILLER:**

Edward Nightingale  
(Name)

1412 Main Street North  
(Address)

Callander  
(City)

Ontario  
(State)

POH 1H0  
(Zip)

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(Telephone No.)

**III. LOCATION:**

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1/4 of the  1/4 of Section  Township  Range

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The following additional information is required for artesian flowing holes:

Feet  North  South from the  South  North section line

feet  east  West from the  west  East section line

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Intervals grouted (feet beneath ground surface, method and materials):

☒ 2c. Abandonment Fluid Mixture (Such as Sodium Bentonite with Polymer) Brand Name:

Marsh Funnel viscosity of abandonment fluid:  sec.

Type of surface plugging used:

VK grout plug with cement 21-30m, casing 21m to surface

Depth at which plug set:

30m

feet below ground surface,

Method:

☐

2d. Other method used with approval of the Division of Reclamation, Mining and Safety; describe in detail method and materials used on a separate attached sheet.

## B. CONVERSION TO A WATER WELL

State Engineer's Permit No.:

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County Where Well is Located:

Water Well Use:

## V. METHOD OF RECLAIMING DRILL SITE SURFACE DISTURBANCE:

Historic road bed drill site - site cleaned at end of drill season.

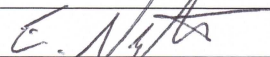
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Edward Nightingale

(Name of Operator's Representative)

Drilling Foreman

(Title)



(Signature of Operator's Representative)

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