

**APPLICATION FOR SURFACE MINING PERMIT  
TWIN PINES MINERALS, LLC  
SAUNDERS DEMONSTRATION MINE**



**Twin Pines Minerals, LLC**

Submitted To:

Georgia Department of Natural Resources  
Environmental Protection Division  
Surface Mining Unit  
4244 International Parkway, Suite 104  
Atlanta, GA 30354

Prepared for:

Twin Pines Minerals, LLC  
2100 Southbridge Parkway, Suite 540  
Birmingham, AL 35209

Prepared by:

TTL, Inc.  
2743B Gunter Park Drive West  
Montgomery, Alabama 36109

TTL Project No. 000180200804.00

November 28, 2022

***TTL***

### Surface Mining Application

An application for a permit must include the Mining Land Use Plan (MLUP). The application and MLUP (2 copies) must be submitted to the address above. MLUP Guidance is provided at <https://epd.georgia.gov>. If you have any questions with this application, please call (404)362-2692.

#### I. MINE INFORMATION

|  |            |  |                          |
|--|------------|--|--------------------------|
| Mine Name: Saunders Demonstration Mine     |            | <input checked="" type="checkbox"/> New Permit |                          |
|  |            | <input type="checkbox"/> Amendment: Permit No. |                          |
| Mine Address: State Route 94               |            | City: St. George                               | Parcel No.: See attached |
| State: GA                                  | Zip: 31562 | Telephone Number: 205-403-5287                 | County: Charlton         |
| Site Latitude (decimal degrees): 30.524023 |            | Site Longitude (decimal degrees): -82.113326   |                          |
| Onsite Contact Name: Mark Fowler           |            | Title: Environmental Manager                   |                          |
| Telephone Number: 205-403-5287             |            | Email Address: mfowler@twinpinesminerals.com   |                          |

#### II. MINING OPERATOR AND LAND OWNERSHIP INFORMATION

|   |  |   |            |
|---|--|---|------------|
| Name of Mining Operator's Company: Twin Pines Minerals, LLC               |  |   |            |
| Company Contact Name: Steve Ingle   |  |   |            |
| Mailing Address: 4599 East Lake Boulevard                                 |  | City: Birmingham                            | State: AL  |
|   |  |   | Zip: 35217 |
| Telephone Number: 205-545-8759  |  | Email Address: single@twinpinesminerals.com |            |
| Total Acreage in Proposed Permit Boundary: 773                            |  |   |            |
| List Owners of the Land Within the Proposed Permit Boundary: See attached |  |   |            |

#### III. GENERAL MINING INFORMATION

|   |                |
|---|----------------|
| Mineral or Material to be Mined: Heavy Mineral Sands  | SIC Code: 1099 |
| Method of Mining: Quarry <input type="checkbox"/> Dredge <input type="checkbox"/> Pit <input type="checkbox"/> Borrow <input type="checkbox"/> Dragline |                |
| Anticipated Date to Begin Mining: April 2023  |                |
| Anticipated Date to Complete Mining: August 2027  |                |
| Anticipated Date of Final Reclamation: August 2029  |                |

Please check the applicable environmental permits (Local, State and Federal) needed for this mine. If you have already applied for or already obtained the permit, please provide the date. If you find a permit not listed, please list in "others".

| Type of Permit Needed       | Yes                                 | No                                  | Date Applied      | Date Obtained | Permit Number |
|-----------------------------|-------------------------------------|-------------------------------------|-------------------|---------------|---------------|
| NPDES Industrial Stormwater | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | July 21, 2020     |               |               |
| NPDES Industrial Wastewater | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                   |               |               |
| Surface Water Withdrawal    | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                   |               |               |
| Groundwater Withdrawal      | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | Rev. Nov, 2022    |               |               |
| Air Quality                 | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | December 20, 2019 |               |               |
| Local Permit(s) Building    | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                   |               |               |
| Army Corp of Engineers      | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                   |               |               |
| Other: Land Disturbance     | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                   |               |               |

Is documentation included with this application showing the MLUP is consistent with the land use in the area? See MLUP Guidance for more details. (eg: Local Government Letter) Yes:  No:

**IV. AMENDMENT INFORMATION (IF APPLICABLE)**

Current Approved Acreage: \_\_\_\_\_ Proposed Acreage Increase: \_\_\_\_\_ Proposed Acreage Decrease: \_\_\_\_\_

Company/Contact Changes: \_\_\_\_\_

Property Ownership Changes: \_\_\_\_\_

Inactive Status: Applying for inactive:  Applying to return to active:

Briefly describe any changes needed to be made with the permit or Mining Land Use Plan: \_\_\_\_\_

Updated Anticipated Mining Completion Date: \_\_\_\_\_

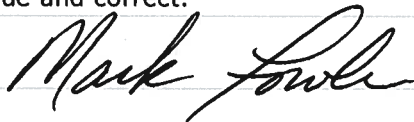
Updated Anticipated Reclamation Date: \_\_\_\_\_

**SIGNATURES**

Pursuant to the requirements of the Georgia Surface Mining Act, O.C.G.A. 12-4-70, et seq., and the Surface Mining Rules, Chapter 391-3-3, both as amended, the undersigned hereby:

1. Understands a Mining Land Use Plan (guidance provided by EPD) needs to be submitted in order for this application to be processed.
2. Understands that a permit will not be issued until financial assurance is received by EPD (after Mining Land Use Plan is approved).
3. Certifies that the Mining Operator is the rightful owner and/or holds a valid lease on said lands which extends a minimum of two years beyond final reclamation date shown in this Application.
4. Certifies that the information provided in or submitted by the Mining Operator as a part of this Application is true and correct.

Authorized Signature: \_\_\_\_\_



Date: \_\_\_\_\_

11/21/2022

Print Name: Mark Fowler

Title: Environmental Manager

**\*\*The approval of this Application and Mining Land Use Plan does not relieve the Mining Operator of any obligation or responsibility for complying with the provisions of any other laws or regulations of any local, federal or state authority.**

**\*\*Failure to provide information and/or documents requested will result in a longer review period for this application.**

Revised: 9/23/2020

Surface Mining Application  
Supplemental Information

Twin Pines Minerals, LLC  
Saunders Demonstration Mine

Parcel Numbers and Property Owners:

| <b>Parcel Number</b> | <b>Property Owner</b> |
|----------------------|-----------------------|
| 0059001002           | Trail Ridge Land, LLC |
| 0058001              | Trail Ridge Land, LLC |

# Charlton County, Georgia

**James E. Everett, Chairman**  
**Alpha Benefield, Vice Chairman**  
**Jesse Crews, Commissioner**  
**Drew Jones, Commissioner**  
**Luke Gowen, Commissioner**

## **Board of Commissioners**

**68 Kingsland Drive, Suite B**  
**Folkston, GA 31537-2872**  
**(912) 496-2549 (office)**  
**(912) 496-1156 (fax)**

**Hampton Raulerson, Administrator**  
**Jenifer Nobles, County Clerk**  
**John B. Adams, County Attorney**

November 12, 2020

To Whom It May Concern

Twin Pines Minerals has requested this letter confirming that their proposed mining operation is consistent with the land use in the area. Charlton County currently has no zoning regulations that would prohibit the proposed mining operation. At the Charlton County's August 15<sup>th</sup>, 2019 regular scheduled meeting the Board of Commissioners unanimously approved a proclamation supporting Twin Pines Minerals proposed mining operation. The resolution has been included with this letter.

Sincerely,



Hampton Raulerson  
County Administrator  
Charlton County  
68 Kingsland Drive, Suite B  
Folkston, GA 31537



**BOARD OF COMMISSIONERS  
CHARLTON COUNTY, GEORGIA  
PROCLAMATION OF SUPPORT OF  
TWIN PINE MATERIALS, LLC**

WHEREAS, the Charlton County Board of Commissioners is the governing authority of Charlton County, Georgia;

WHEREAS, economic development and quality, high-paying jobs are of vital importance to all local governments;

WHEREAS, the proposed heavy metal mining operation of Twin Pine Materials, LLC will result in approximately one hundred fifty (150) local high-paying jobs with benefits in Charlton County;

WHEREAS, the proposed capital investment of Twin Pine Minerals, LLC will result in substantial yearly tax revenue to the County;

WHEREAS, the estimated tax revenue from Twin Pine Minerals, LLC will allow Charlton County, Georgia to increase the level of service it provides to its citizens;

WHEREAS, the Charlton County Board of Commissioners finds and determines that the proposed operation of Twin Pine Minerals within Charlton County will result in economic development that is beneficial to all of Charlton County;

NOW, THEREFORE, the Charlton County Board of Commissioners, subject to approval by any other authority having jurisdiction, hereby proclaims and expresses support of Twin Pine Minerals, LLC proposed heavy mineral sand mining.

This 15<sup>th</sup> day of August 2019.

  
James E. Everett, Chairman  
Charlton County Board of Commissioners