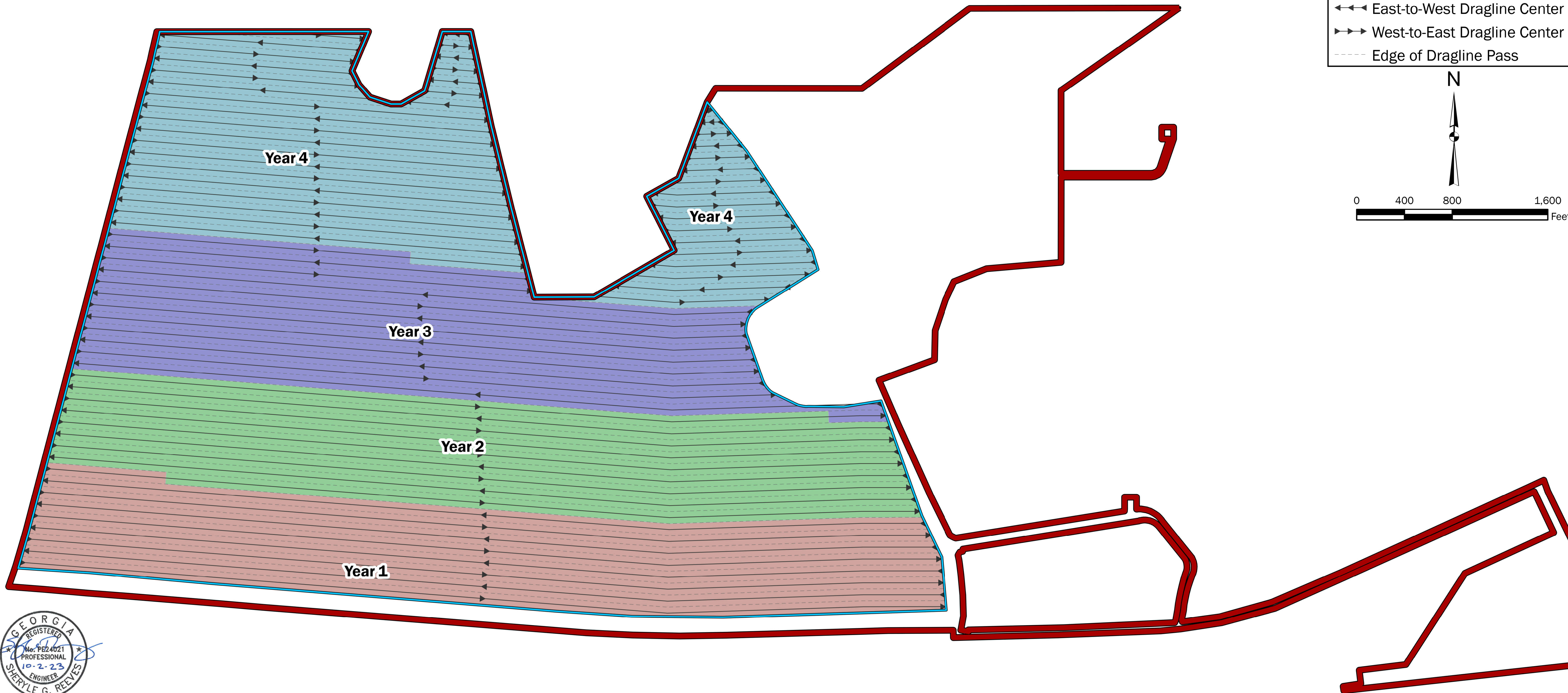
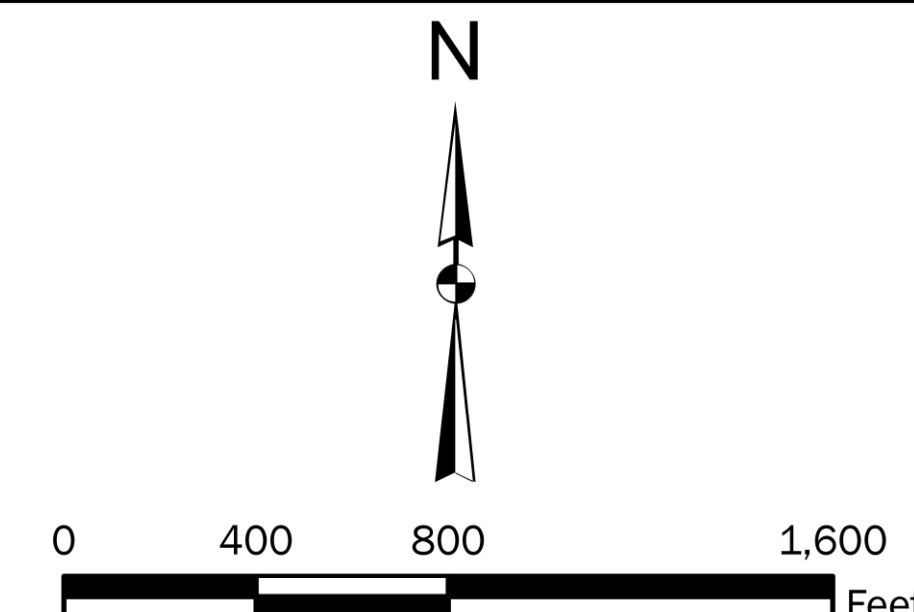


**NOTES:**

- Estimated timing is based on a mining progress rate of 10-15 acres per month. The illustration represents the average of those values (170 feet per day). Actual timing for extraction of heavy mineral sands is expected to take 4 years.
- See Sheet 5 for plan view, cross-sections and details of the typical dragline mining operation.
- Tails stockpile and conveyors will move in accordance with the moving mine pit and are not permanent features.
- See Sheet 7 for information regarding dust control.
- See Sheet 14 for additional information regarding flood prone areas and threatened and endangered species locations.

**LEGEND**

- Permit Boundary (820± AC)
- Mine Footprint (582± AC)
- Year 1
- Year 2
- Year 3
- Year 4
- East-to-West Dragline Center
- West-to-East Dragline Center
- Edge of Dragline Pass



Certificate of Authorization No.: PEF004125  
3516 Greensboro Ave., Tuscaloosa, AL 34501

**SHEET 4: MINING PLAN SHEET - ESTIMATED PROGRESSION OF MINING**

TWIN PINES MINERALS, LLC SAUNDERS DEMONSTRATION MINE (ID NO. 2073)

ST. GEORGE, CHARLTON COUNTY, GEORGIA

DRAWN BY: DEK
CHECKED BY: SGR
DRAWING DATE: 11/13/2020
REVISION DATE: 10/2/2023
TTL JOB NO.: 18-02-00804.00
APPROX. SCALE: 1 in = 400 ft