

NOTE: Estimated average daily progress of the dragline is 170 feet per day based on the estimated mining timeline shown on Sheet 4. See Sheet 11 for a more complete description of the proposed dragline mining process.

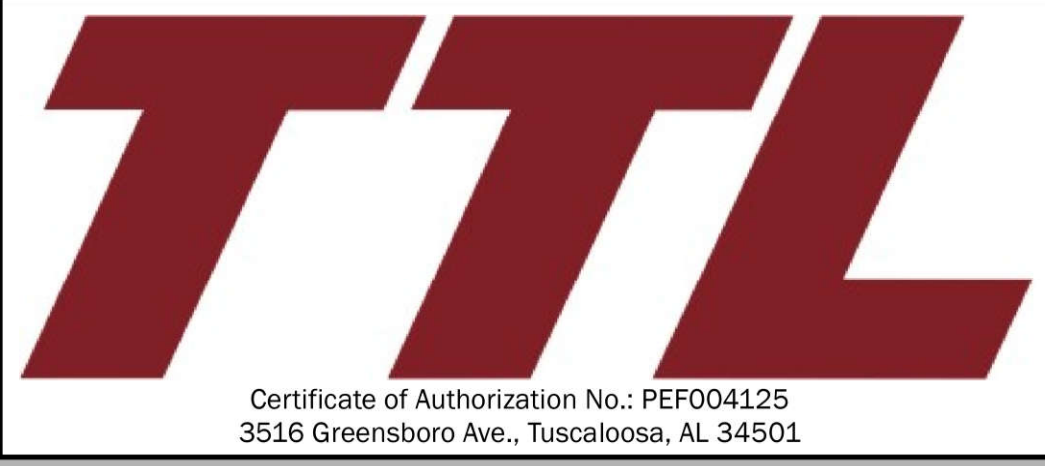
NOTE: Access to the TIAA property is restricted. Piezometers were abandoned in October 2020.

### LEGEND

|                                     |                                    |
|-------------------------------------|------------------------------------|
| Okefenokee National Wildlife Refuge | Weather Station                    |
| Project Study Area                  | Proposed Piezometer*               |
| Permit Boundary (820± AC)           | Existing Piezometer*               |
| Mine Footprint (582± AC)            | Abandoned Piezometer               |
| North Analysis Section              | Existing Observation Well Cluster* |
| Central Analysis Section            | Surface Water Monitor*             |
| South Analysis Section              |                                    |
| Drain Boundaries                    |                                    |
| 1,000+ ft from Piezometer**         |                                    |
| East-to-West Dragline Center        |                                    |
| West-to-East Dragline Center        |                                    |
| Edge of Dragline Pass               |                                    |

\* See Sheet 13 for a complete list of locations that will be used for groundwater and surface water elevation and quality monitoring.

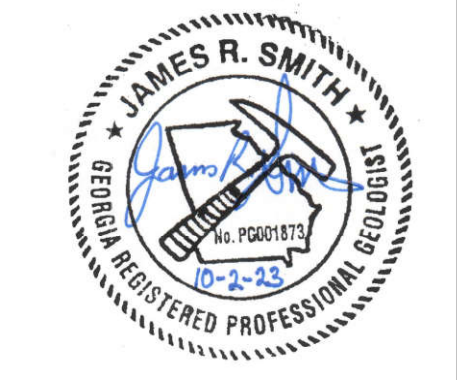
\*\* 1,000 feet is the estimated distance for monitoring wells to be outside of the influence of the moving mine.



## SHEET 12: GROUNDWATER & SURFACE WATER MONITORING PLAN (2)

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

ST. GEORGE, CHARLTON COUNTY, GEORGIA



|                                |
|--------------------------------|
| DRAWN BY: DEK                  |
| CHECKED BY: JRS                |
| DRAWING DATE: 11/13/2020       |
| REVISION DATE: 10/2/2023       |
| TTL JOB NO.: 18-02-00804.00    |
| APPROX. SCALE: 1 in = 1,500 ft |