

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 10 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

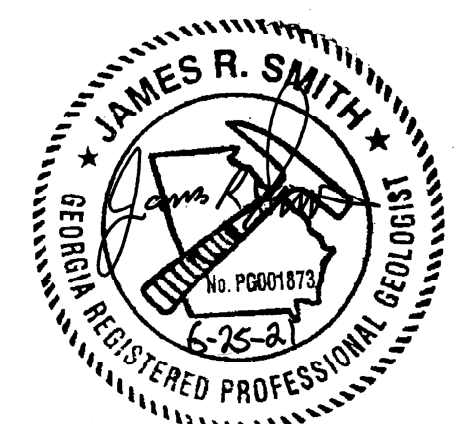
Okefenokee National Wildlife Refuge	Weather Station
Project Study Area	Proposed Piezometer*
Permit Boundary (703± AC)	Existing Piezometer*
Mine Footprint (582± AC)	Abandoned Piezometer
North Analysis Section	Existing Observation Well Cluster*
Central Analysis Section	Surface Water Monitor*
South Analysis Section	
Drain Boundaries	
East-to-West Dragline Center	
West-to-East Dragline Center	
Edge of Dragline Pass	
1,000+ ft from Piezometer**	

* See Sheet 12 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 11: 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: SGR
DRAWING DATE: 11/13/2020
REVISION DATE: 6/25/2021
TTL JOB NO.: 000180200804.00
APPROX. SCALE: 1 in = 1,500 ft