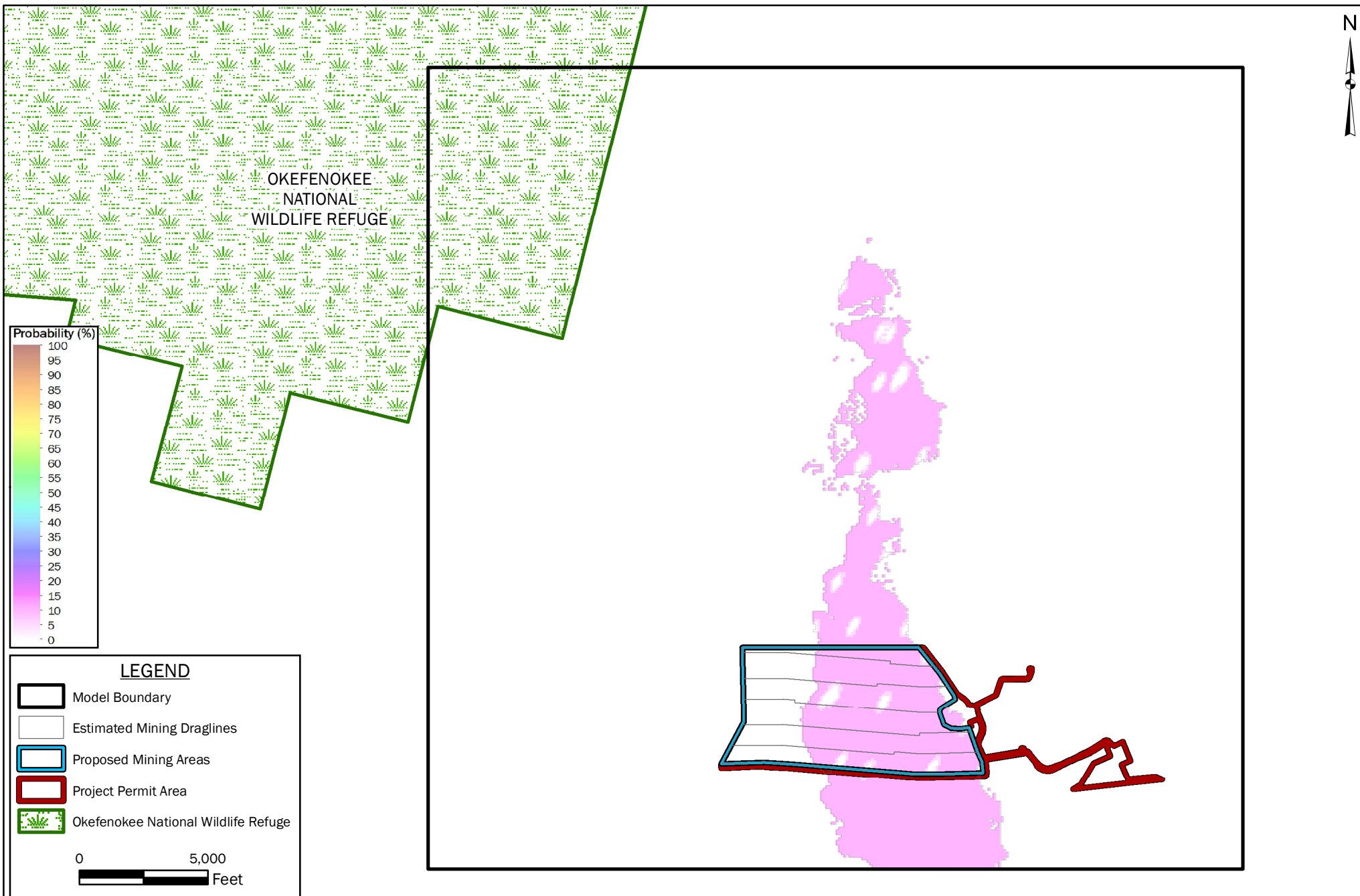


APPENDIX C – SOIL PROBABILITY MAPS



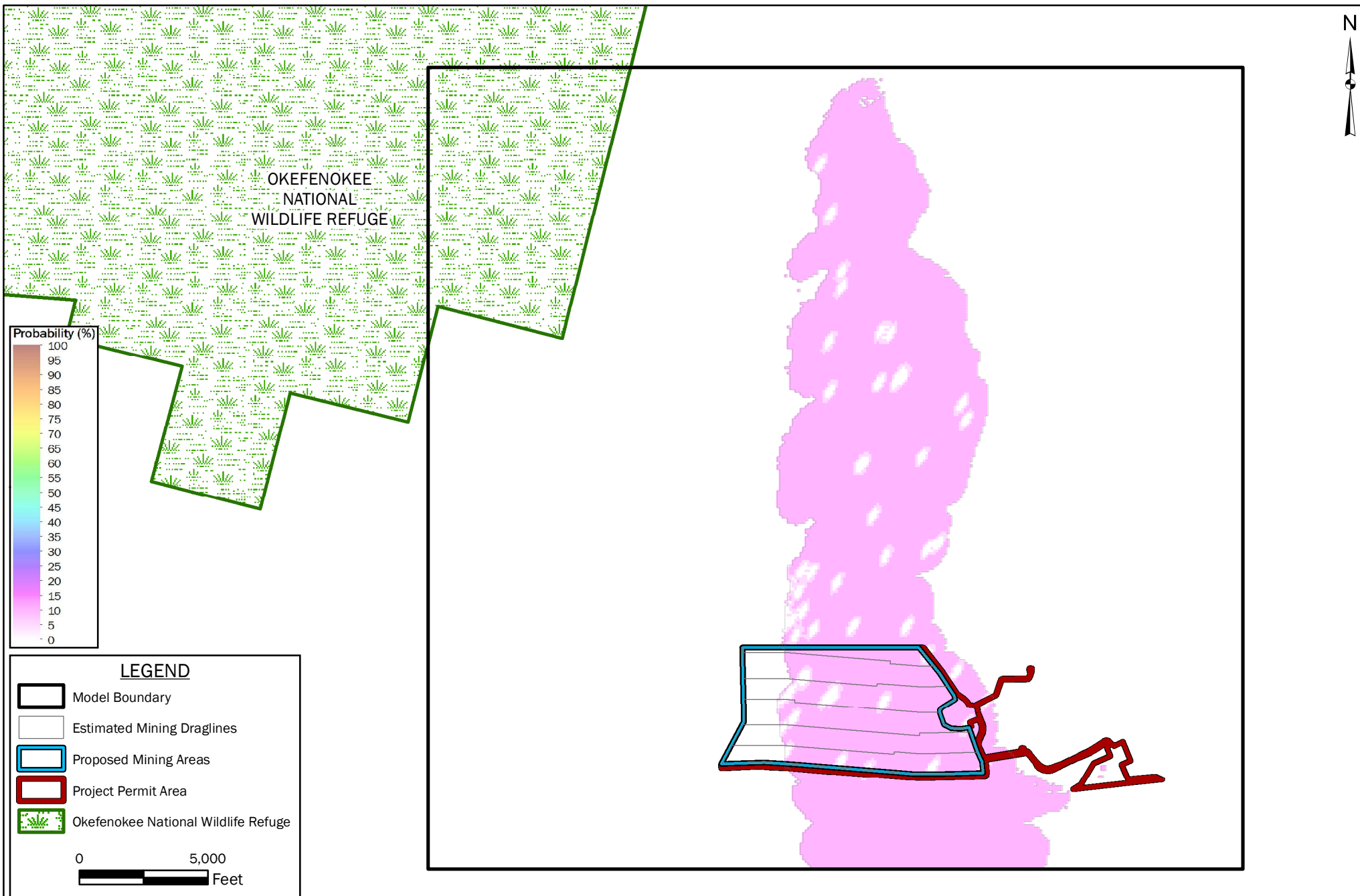
**FIGURE 1: PROBABILITY (%) OF SILTY CLAYEY SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 169' (EXPECTED VALUE = 8.52%)**

TWIN PINES MINERALS

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APPROX. SCALE: 1 in = 5,000 ft



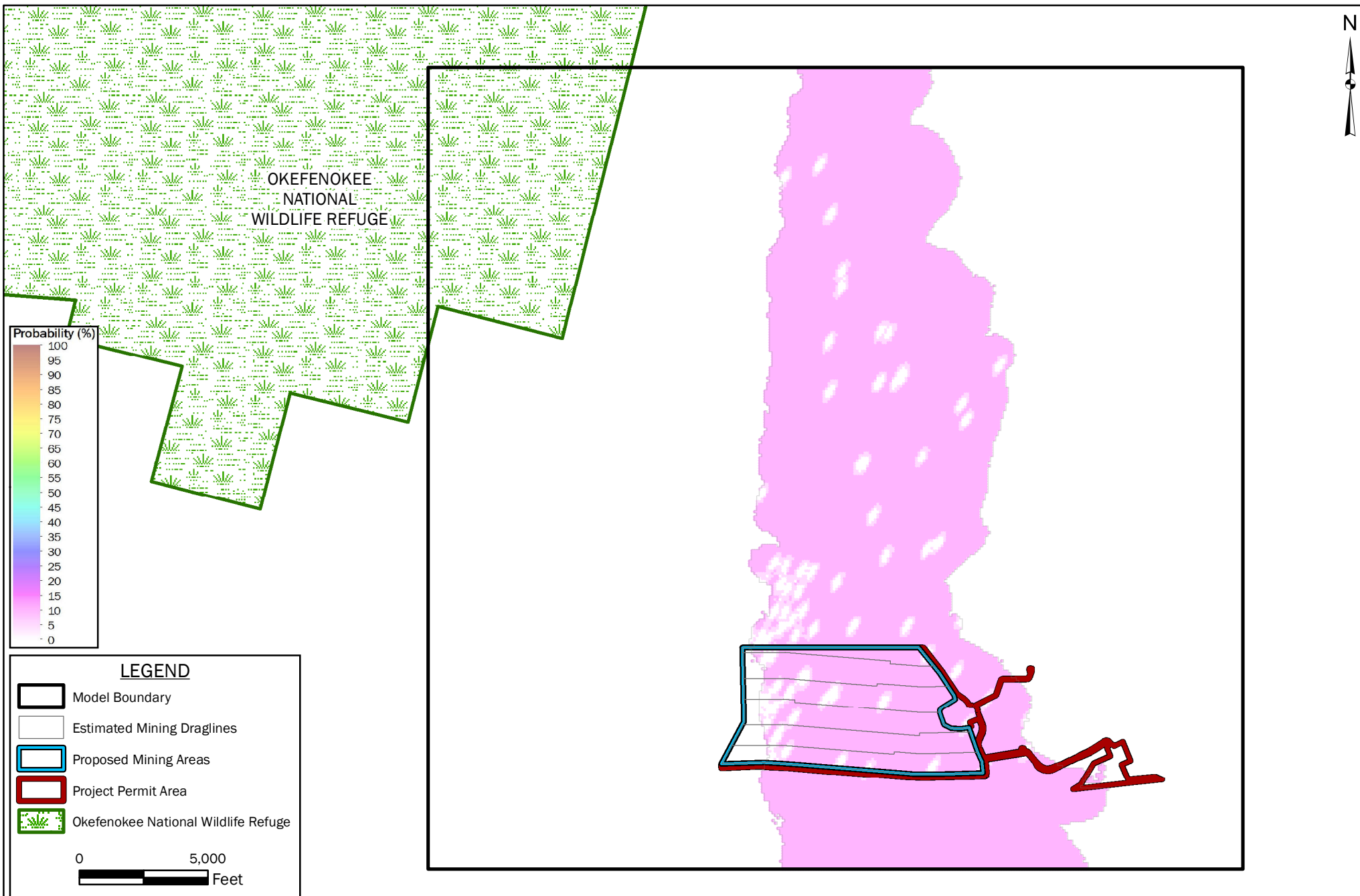
**FIGURE 2: PROBABILITY (%) OF SILTY CLAYEY SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 159' (EXPECTED VALUE = 8.52%)**

TWIN PINES MINERALS

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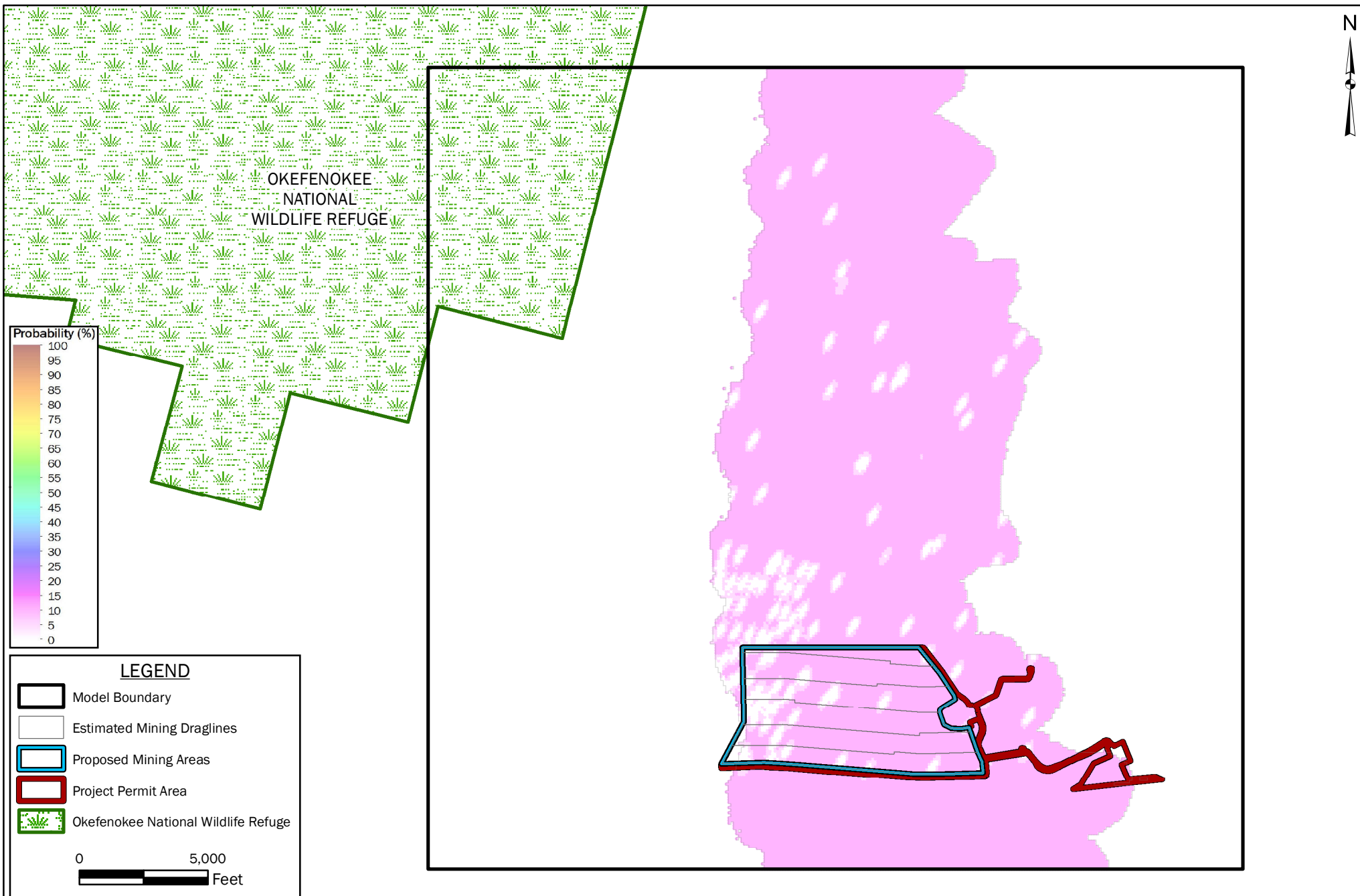
**FIGURE 3: PROBABILITY (%) OF SILTY CLAYEY SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 149' (EXPECTED VALUE = 8.52%)**

TWIN PINES MINERALS

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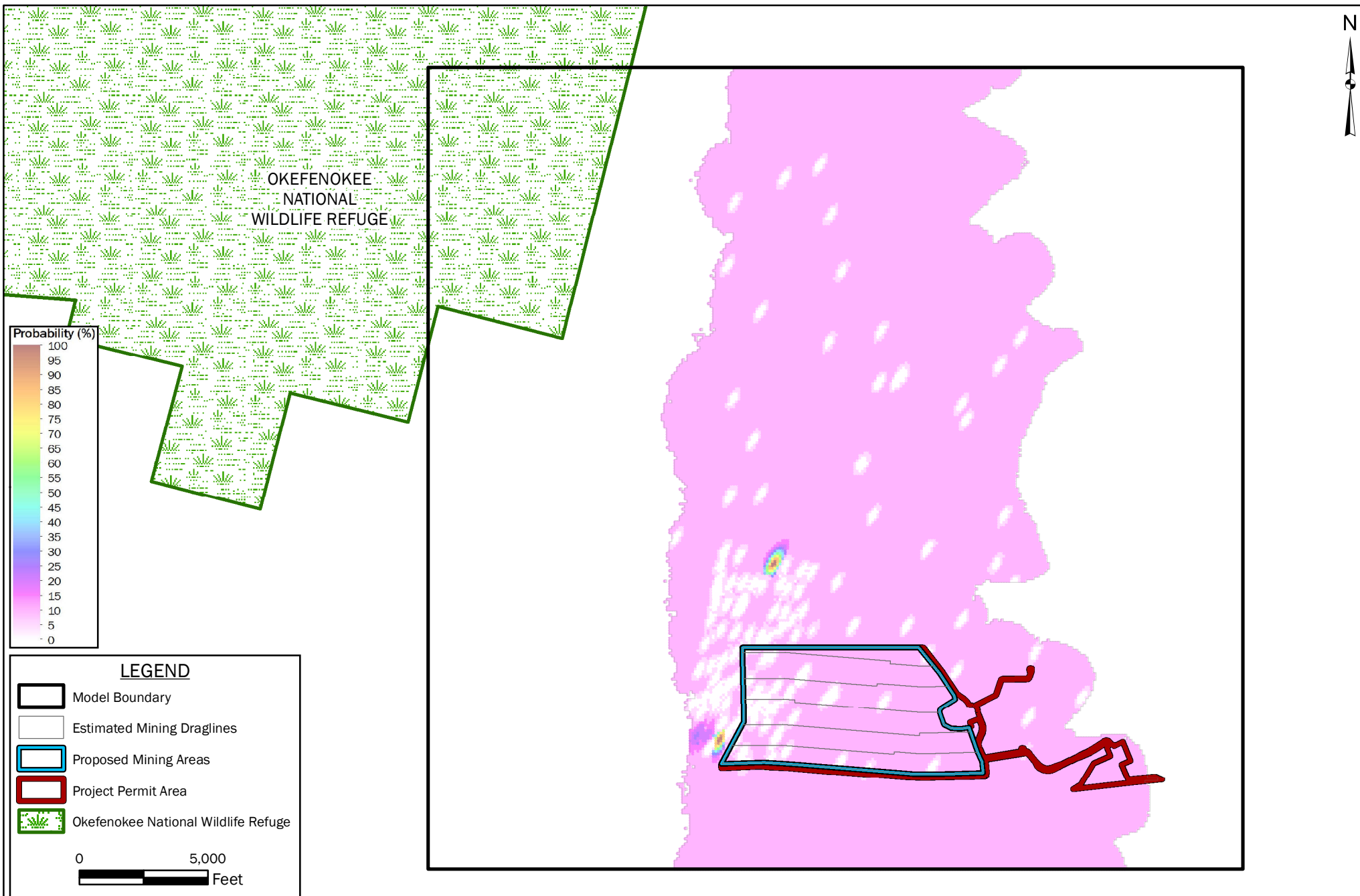
**FIGURE 4: PROBABILITY (%) OF SILTY CLAYEY SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 139' (EXPECTED VALUE = 8.52%)**

TWIN PINES MINERALS

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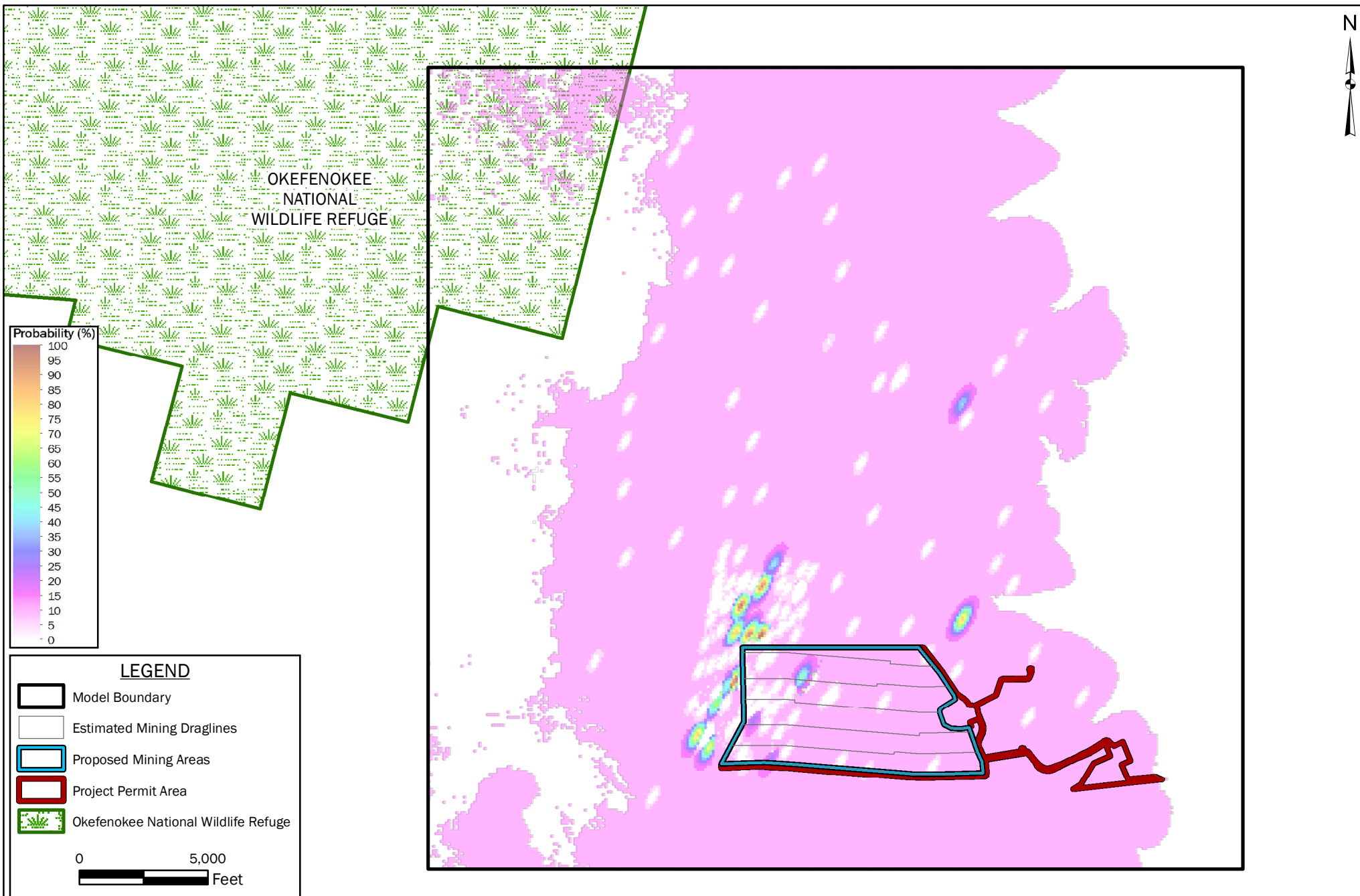
**FIGURE 5: PROBABILITY (%) OF SILTY CLAYEY SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 129' (EXPECTED VALUE = 8.52%)**

TWIN PINES MINERALS

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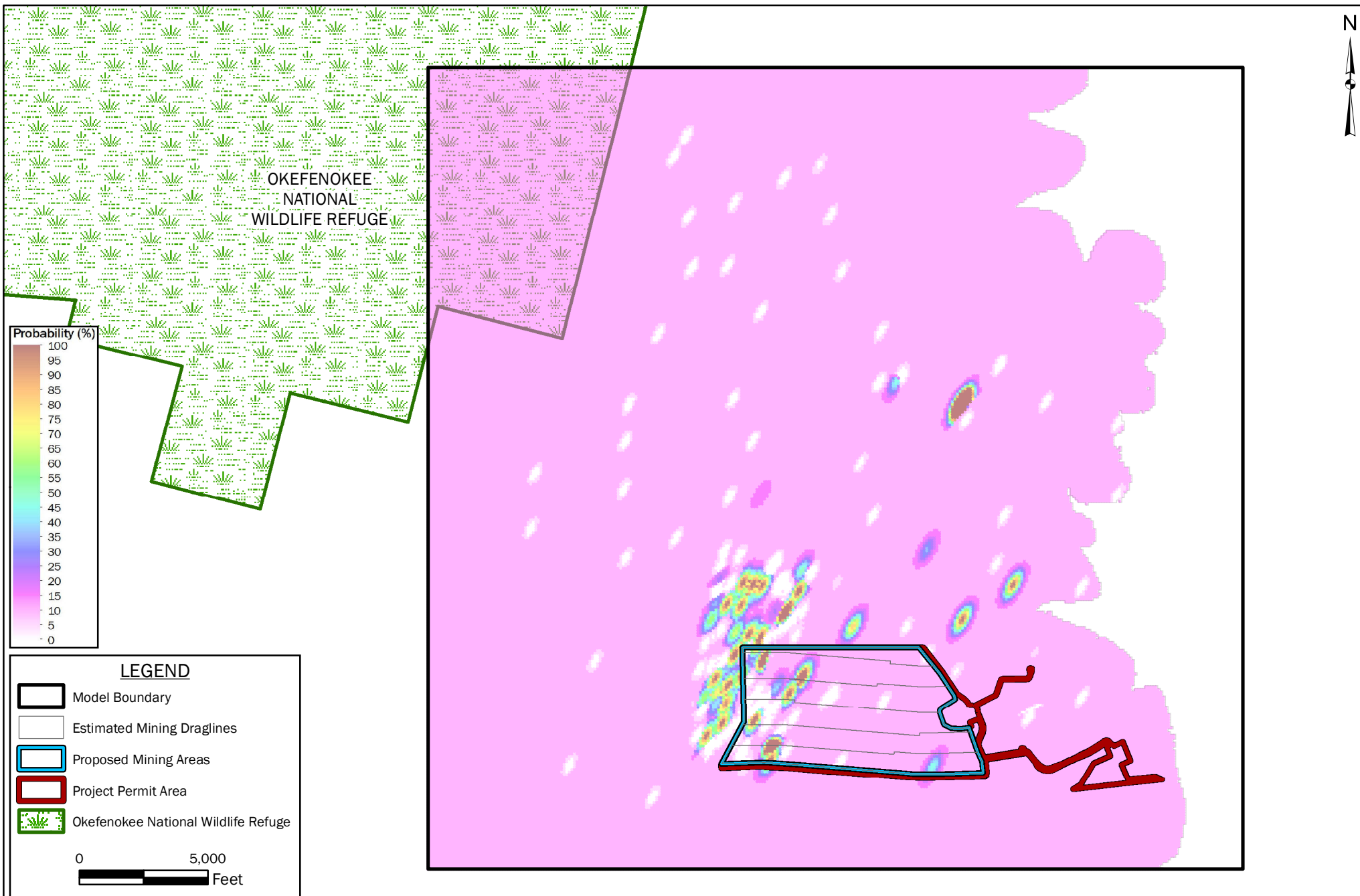
**FIGURE 6: PROBABILITY (%) OF SILTY CLAYEY SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 119' (EXPECTED VALUE = 8.52%)**

TWIN PINES MINERALS

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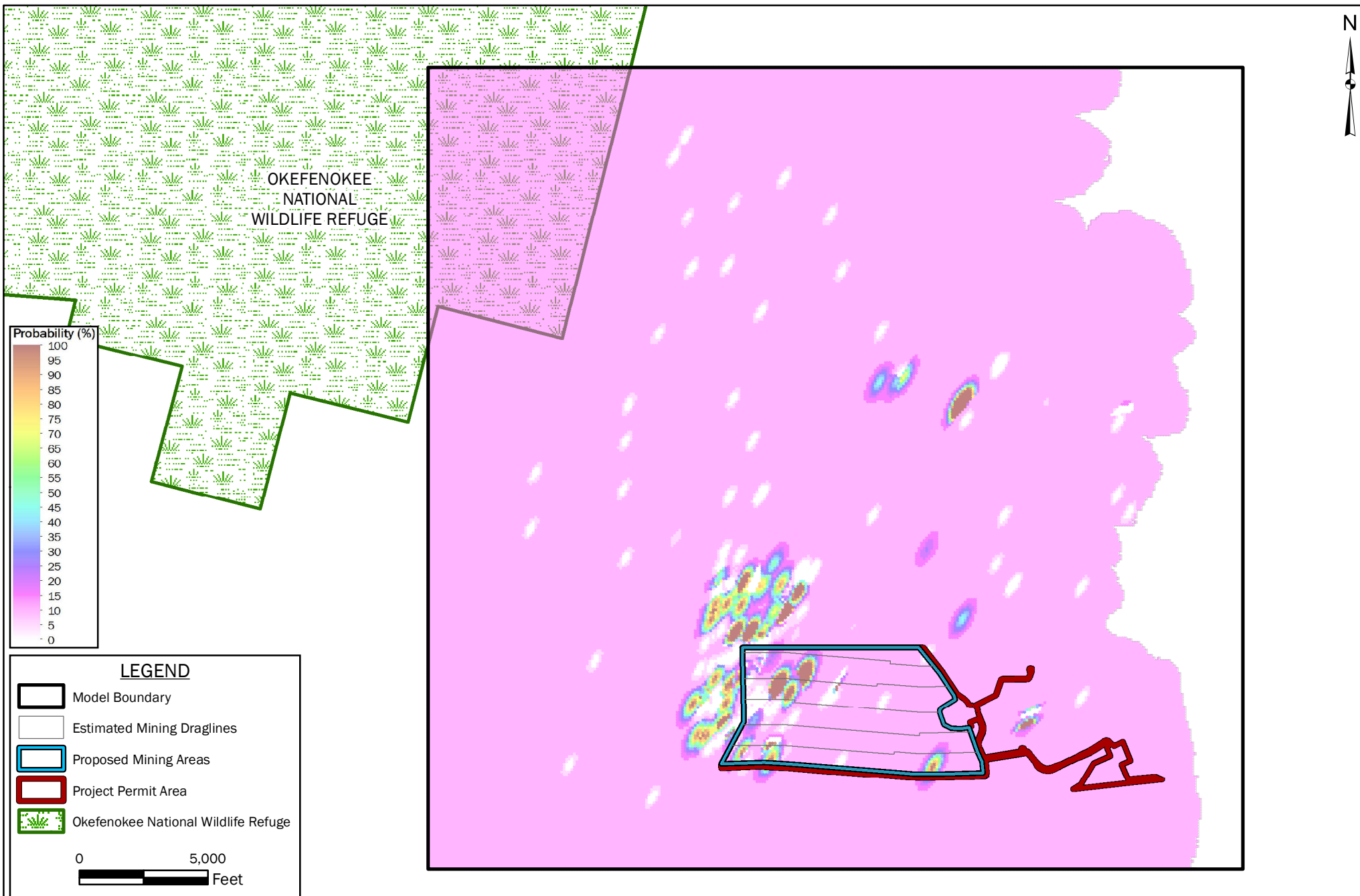
**FIGURE 7: PROBABILITY (%) OF SILTY CLAYEY SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 109' (EXPECTED VALUE = 8.52%)**

TWIN PINES MINERALS

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APPROX. SCALE: 1 in = 5,000 ft

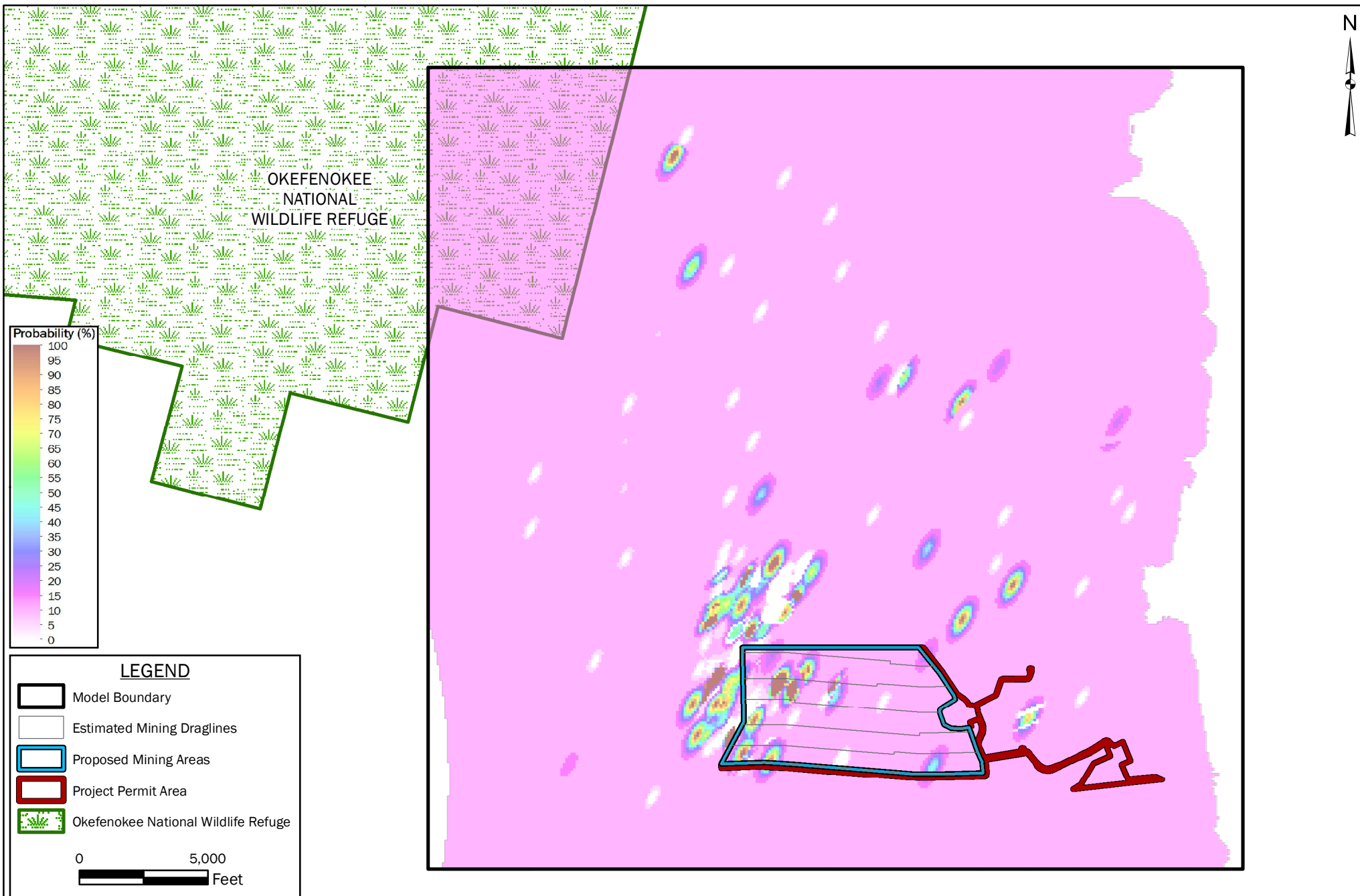


**FIGURE 8: PROBABILITY (%) OF SILTY CLAYEY SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 99' (EXPECTED VALUE = 8.52%)**

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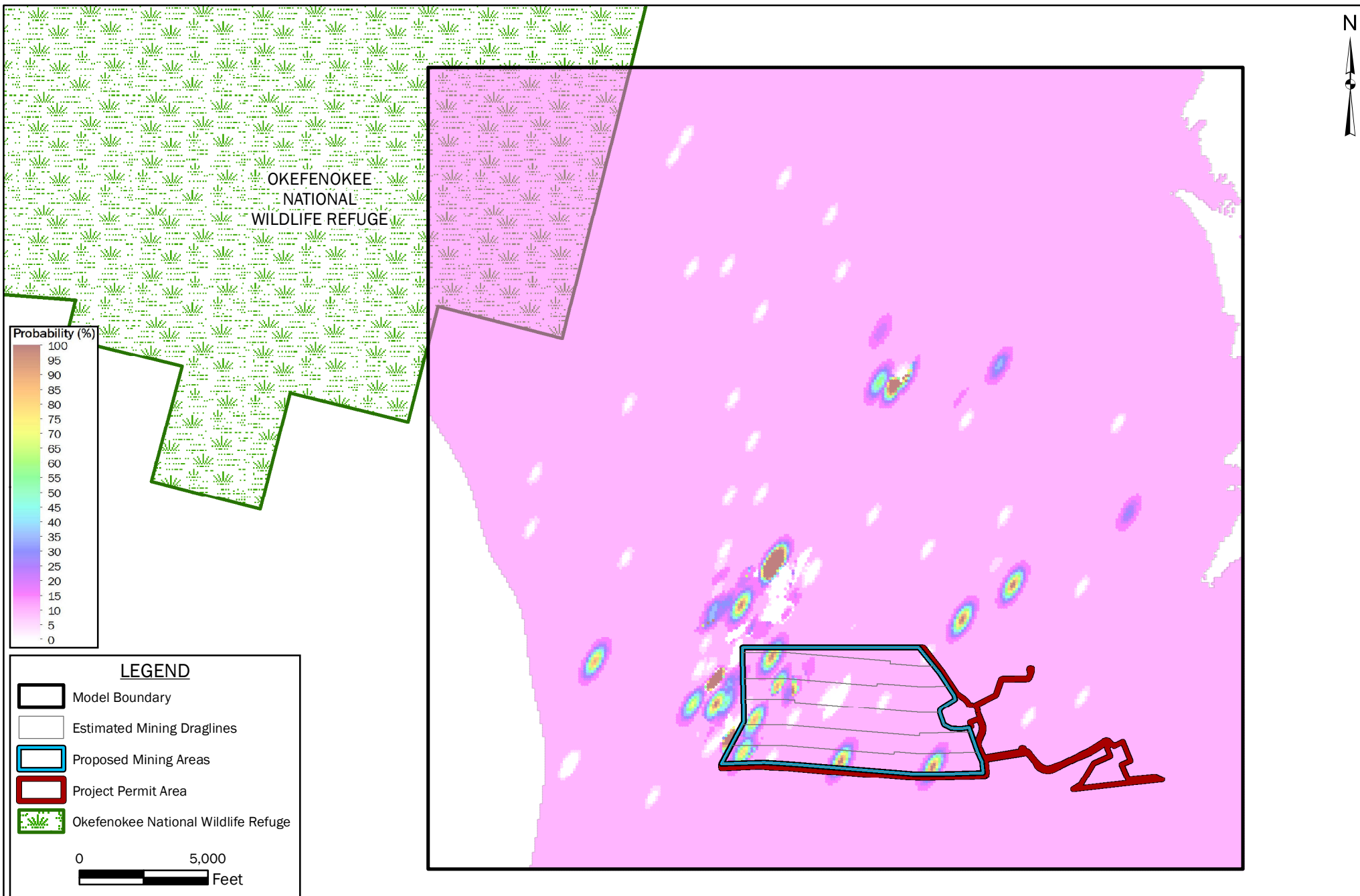
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**FIGURE 9: PROBABILITY (%) OF SILTY CLAYEY SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 89' (EXPECTED VALUE = 8.52%)**

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**FIGURE 10: PROBABILITY (%) OF SILTY CLAYEY SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 79' (EXPECTED VALUE = 8.52%)**

TWIN PINES MINERALS

ST GEORGE CHARLTON COUNTY, GEORGIA



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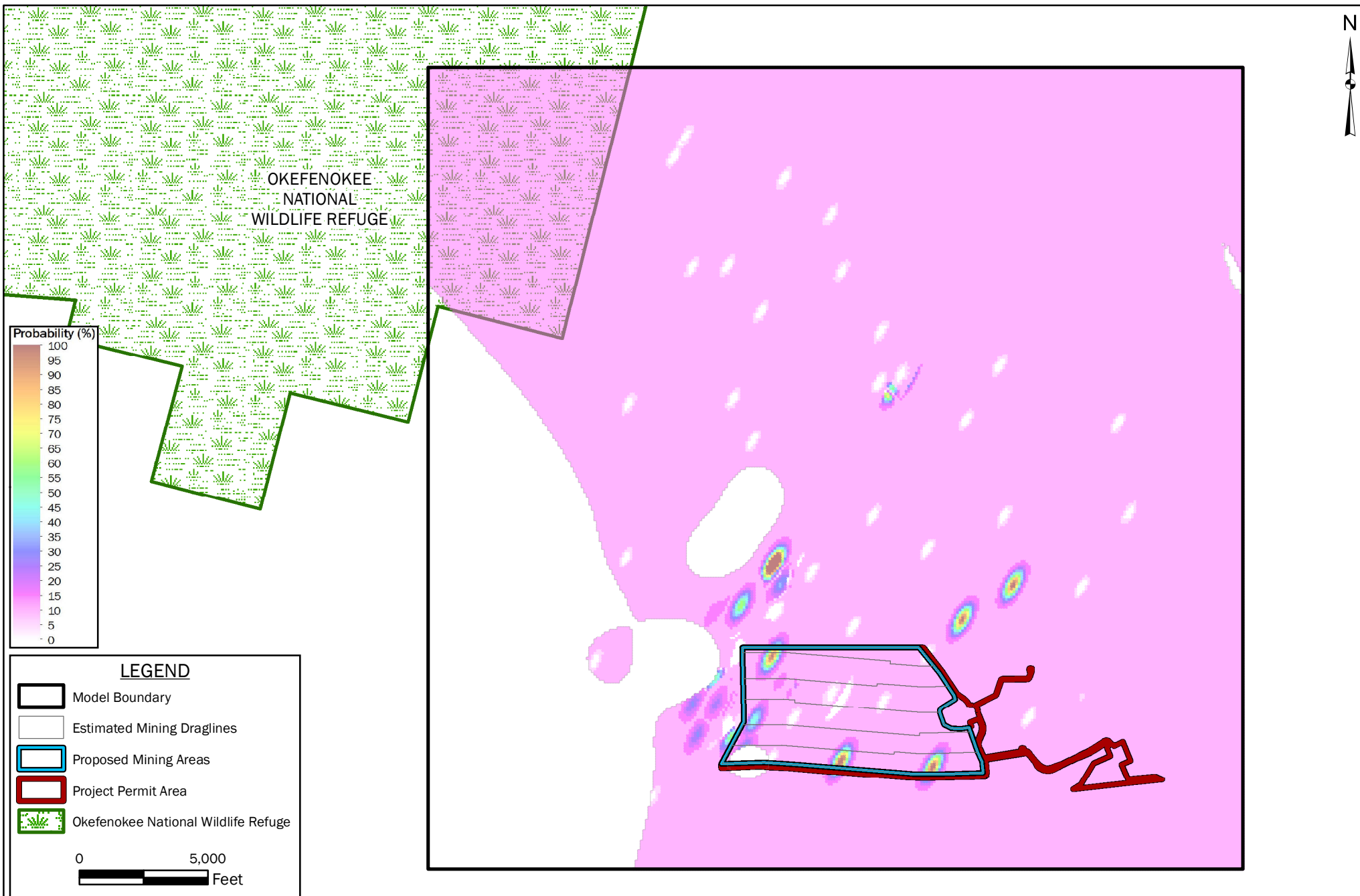
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REVISION DATE: N/A

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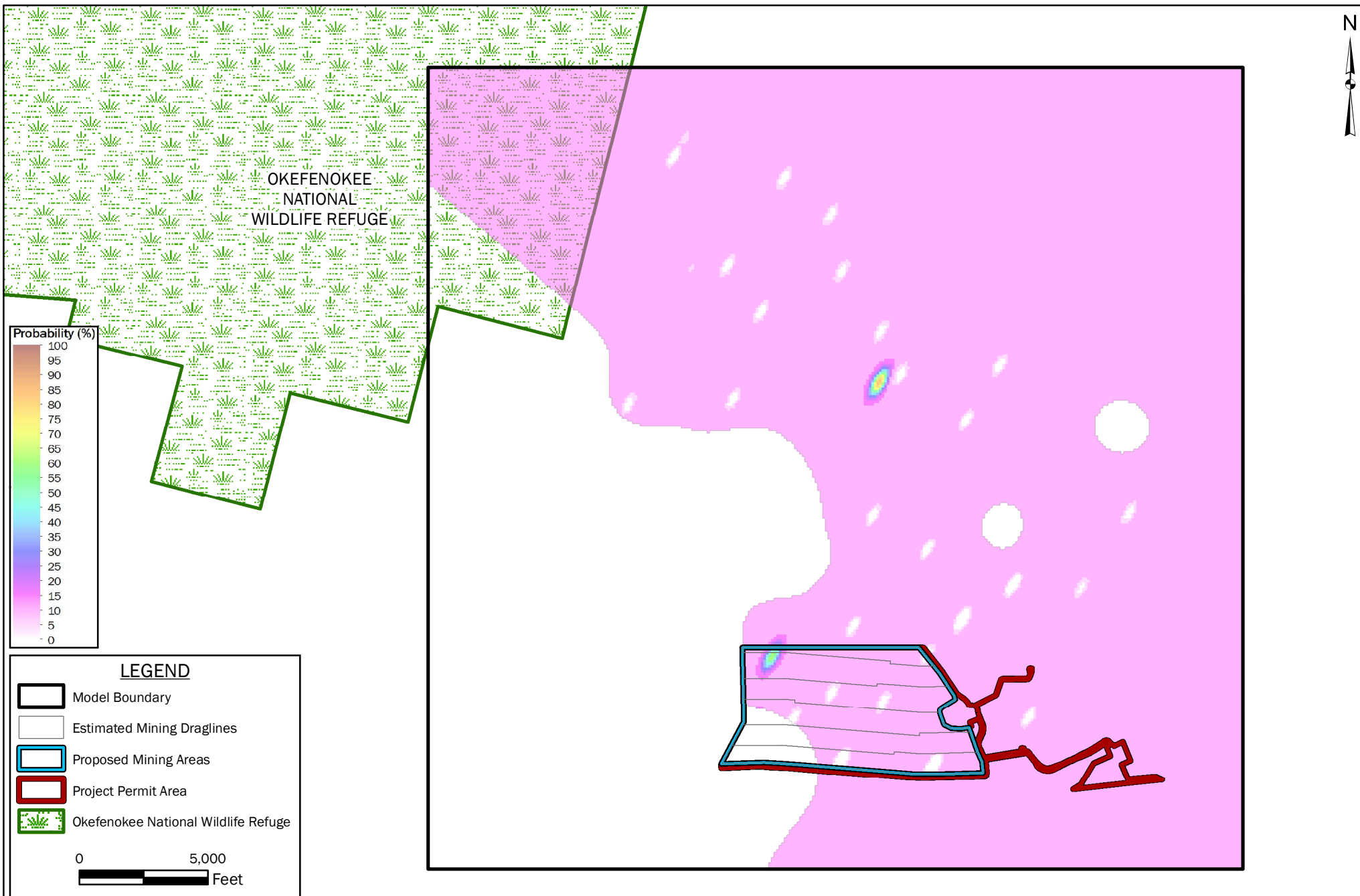


**FIGURE 11: PROBABILITY (%) OF SILTY CLAYEY SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 69' (EXPECTED VALUE = 8.52%)**

TWIN PINES MINERALS
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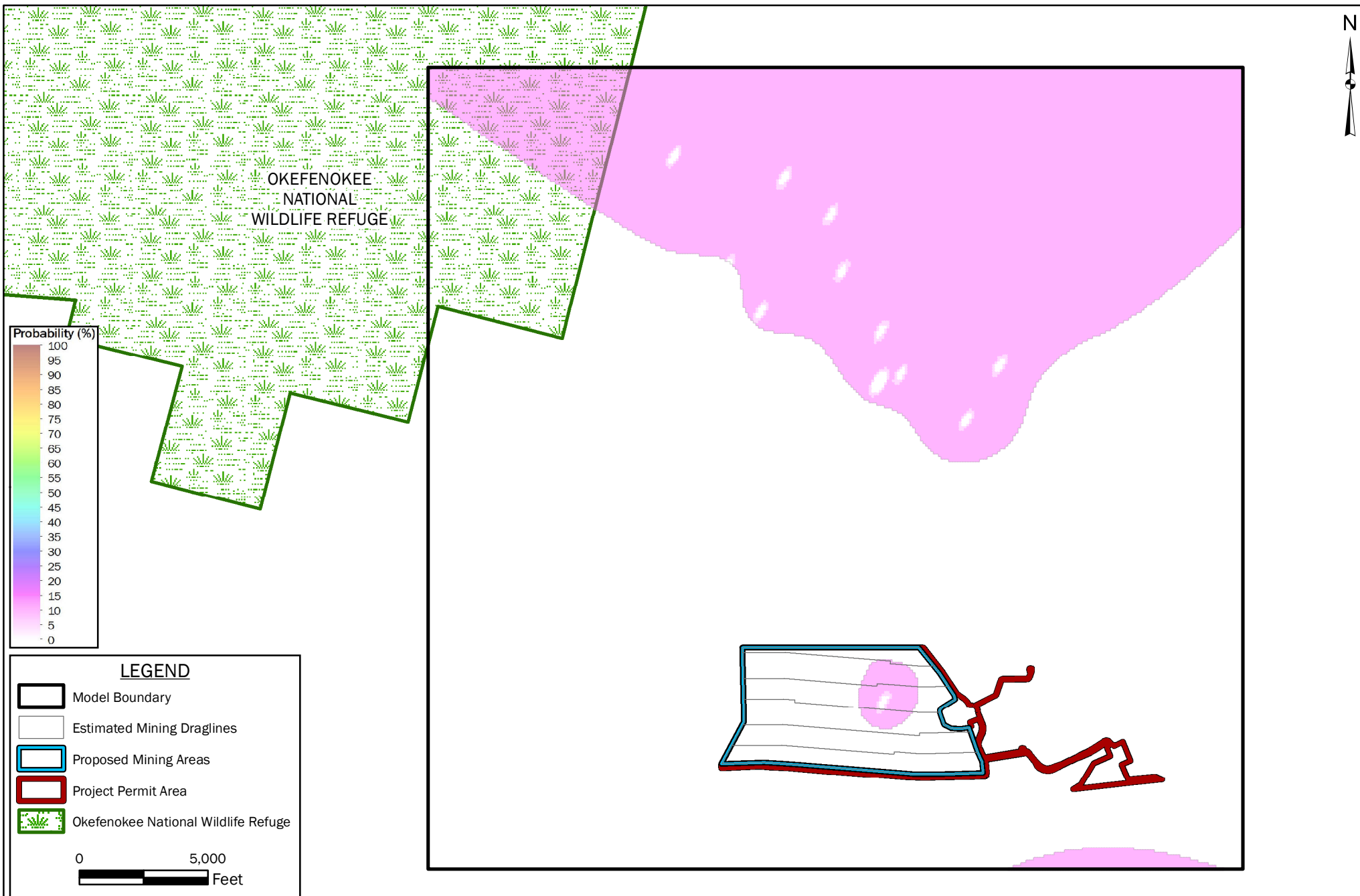


**FIGURE 12: PROBABILITY (%) OF SILTY CLAYEY SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 59' (EXPECTED VALUE = 8.52%)**

TWIN PINES MINERALS
ST. GEORGE, CHARLTON COUNTY, GEORGIA



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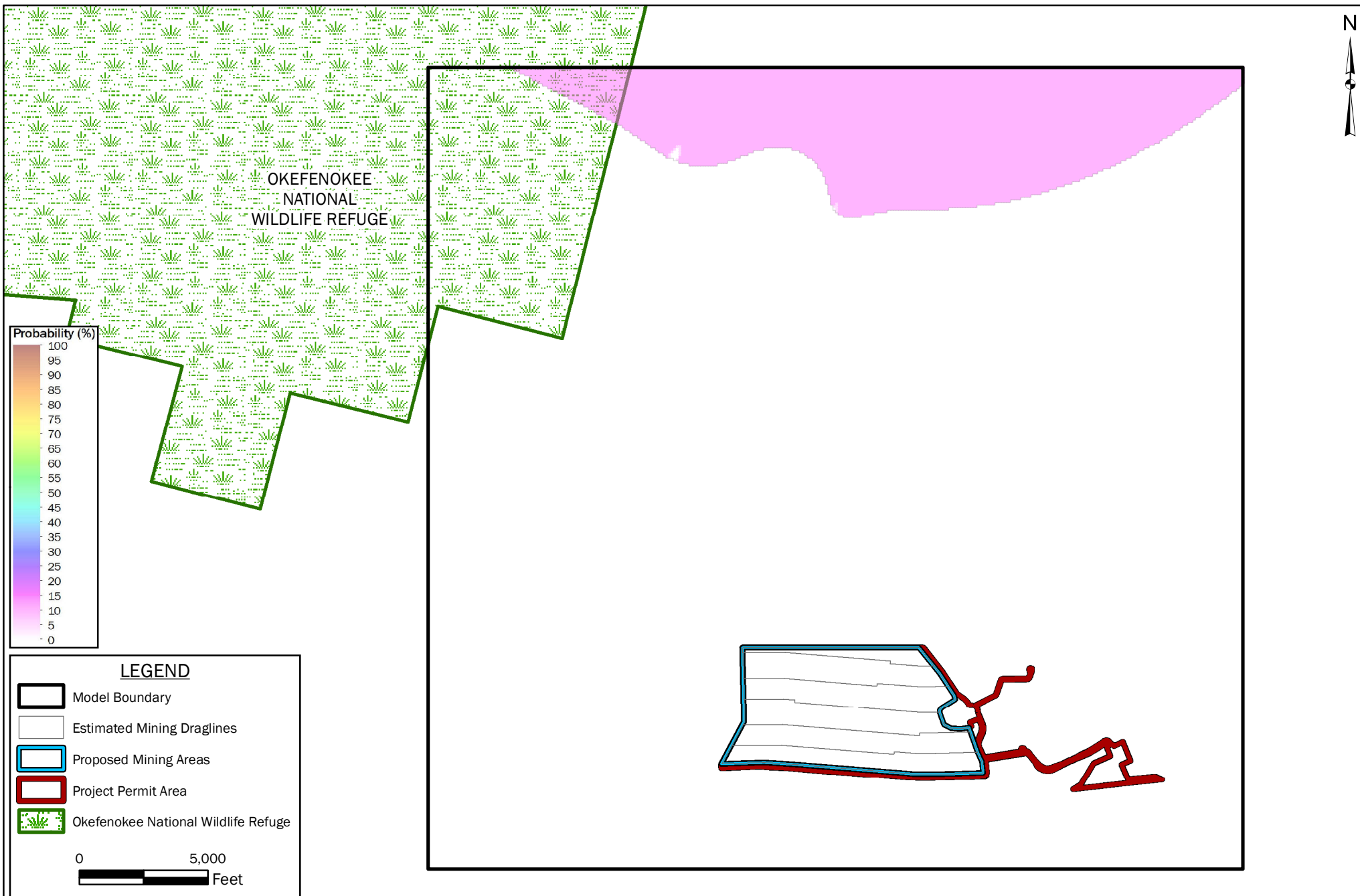


**FIGURE 13: PROBABILITY (%) OF SILTY CLAYEY SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 49' (EXPECTED VALUE = 8.52%)**

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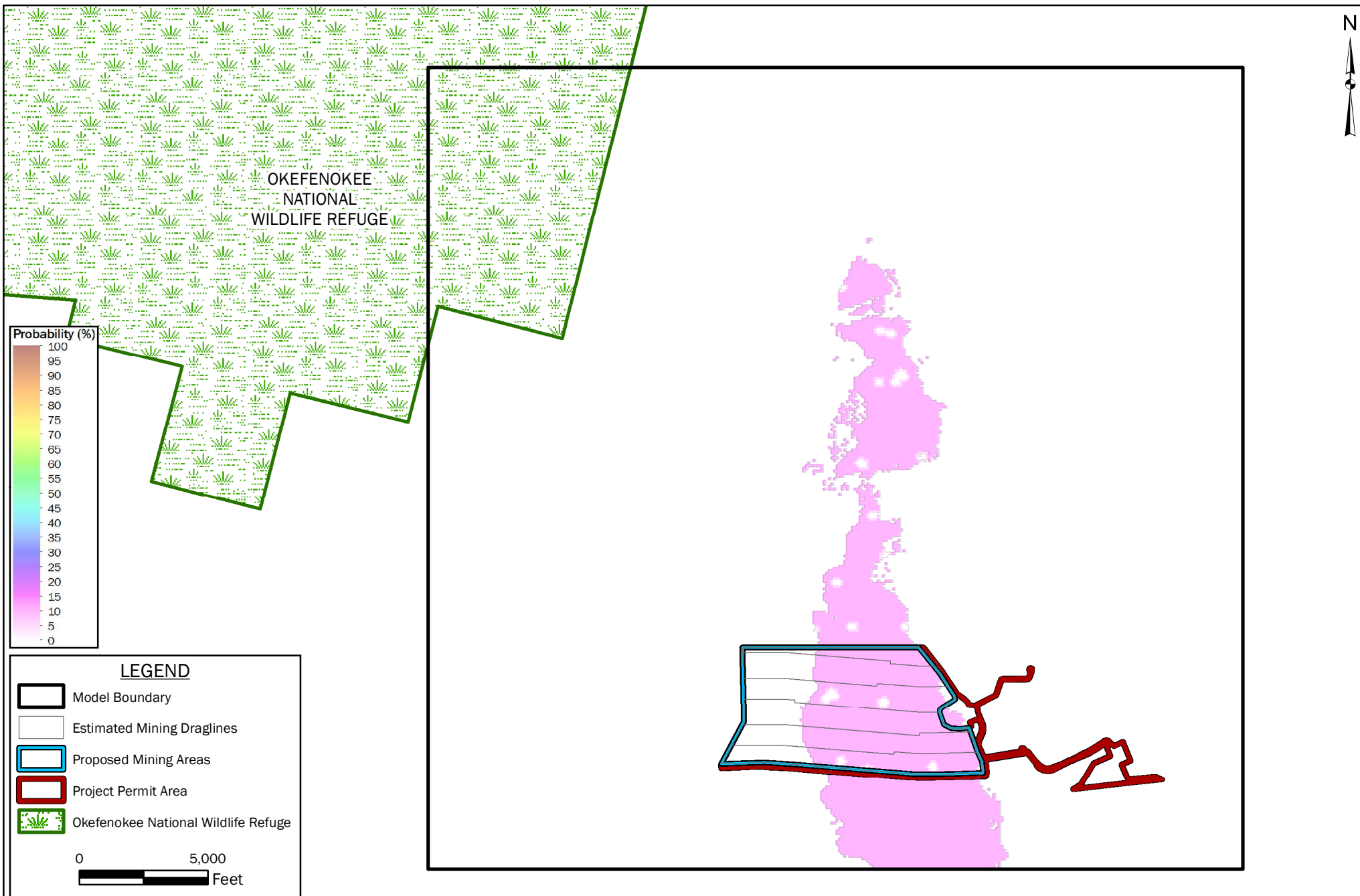


**FIGURE 14: PROBABILITY (%) OF SILTY CLAYEY SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 39' (EXPECTED VALUE = 8.52%)**

TWIN PINES MINERALS
ST. GEORGE, CHARLTON COUNTY, GEORGIA



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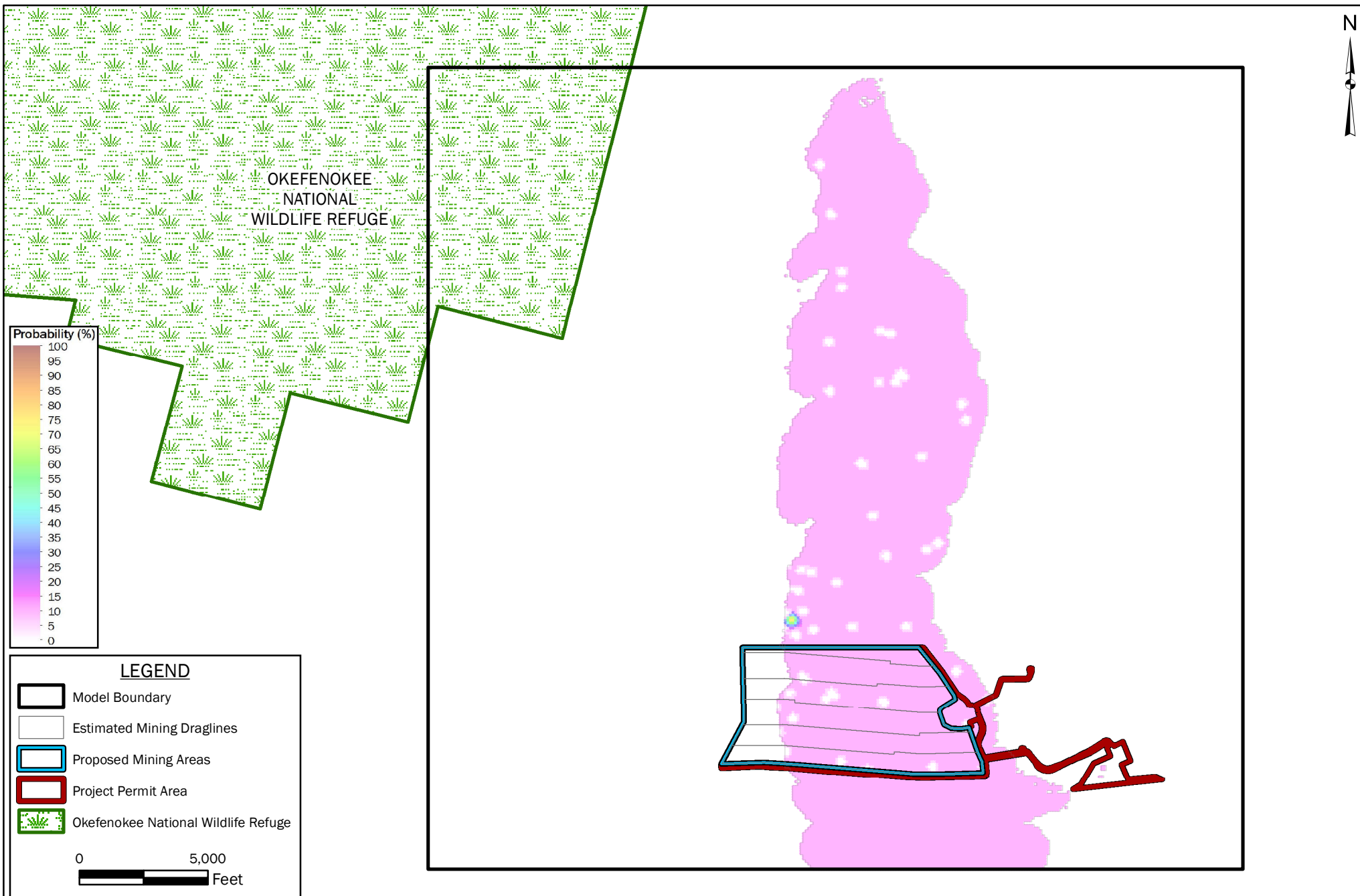
**FIGURE 15: PROBABILITY (%) OF CLAYEY SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 169' (EXPECTED VALUE = 7.85%)**

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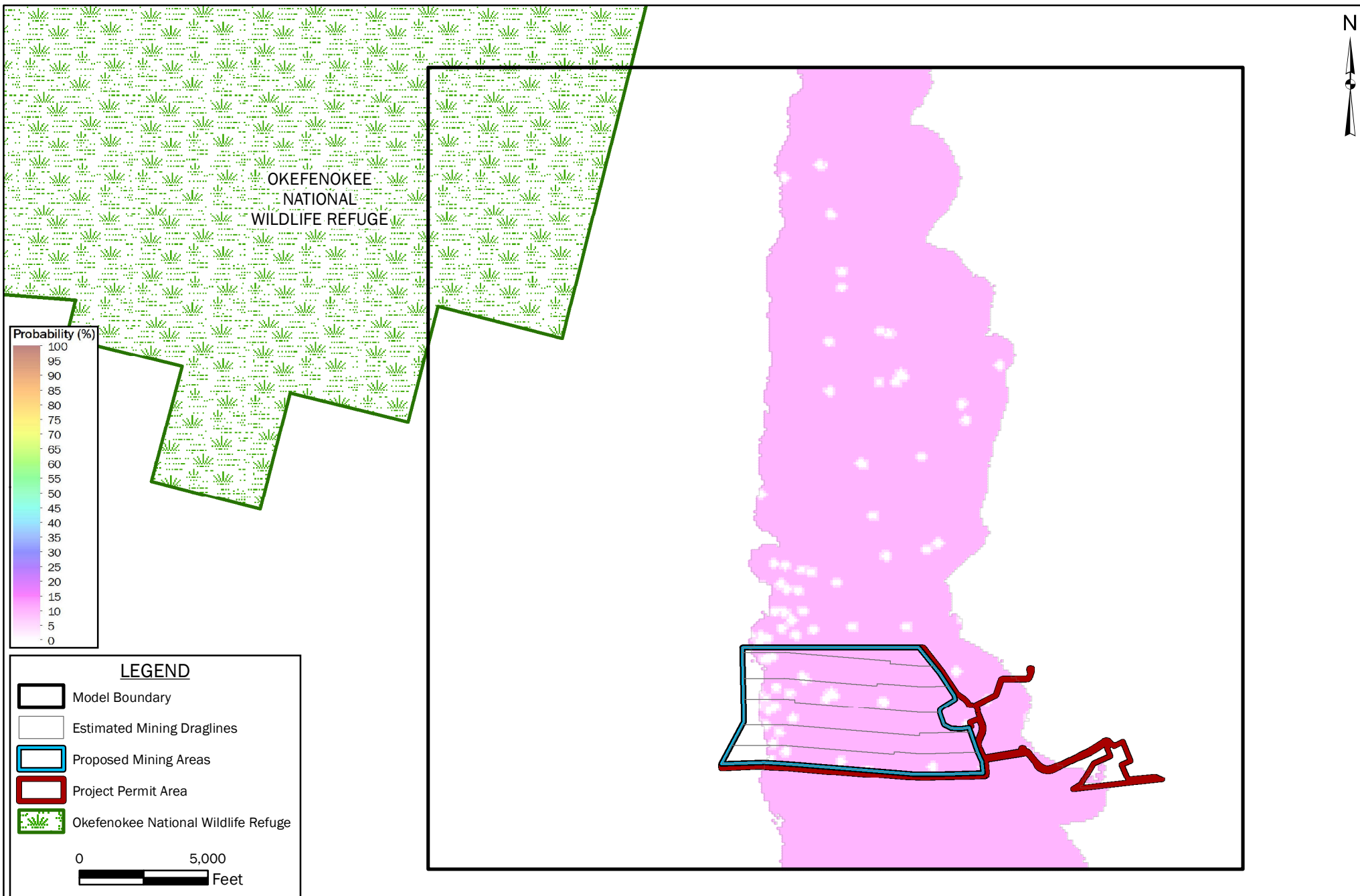
**FIGURE 16: PROBABILITY (%) OF CLAYEY SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 159' (EXPECTED VALUE = 7.85%)**

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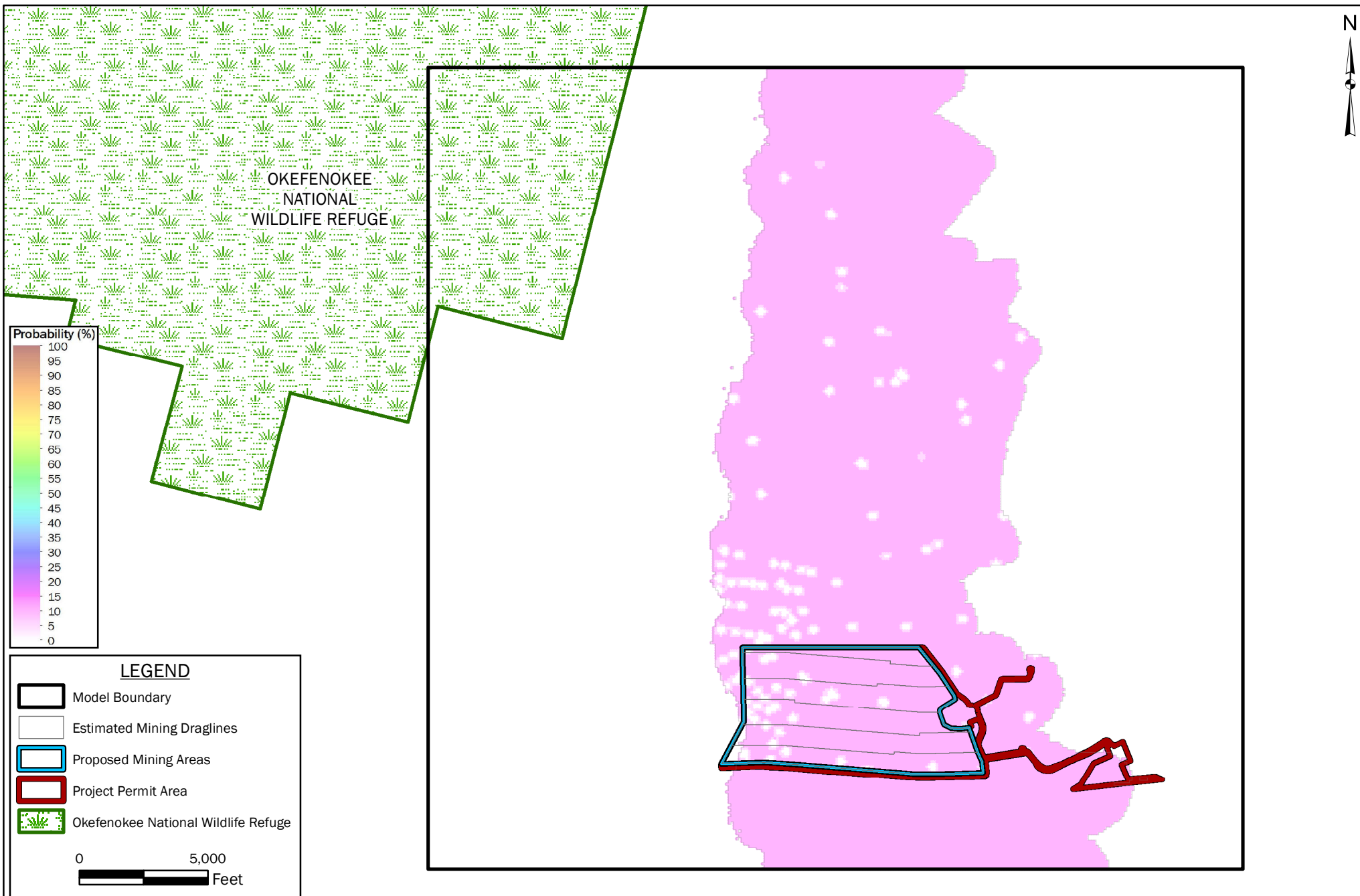
**FIGURE 17: PROBABILITY (%) OF CLAYEY SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 149' (EXPECTED VALUE = 7.85%)**

TWIN PINES MINERALS

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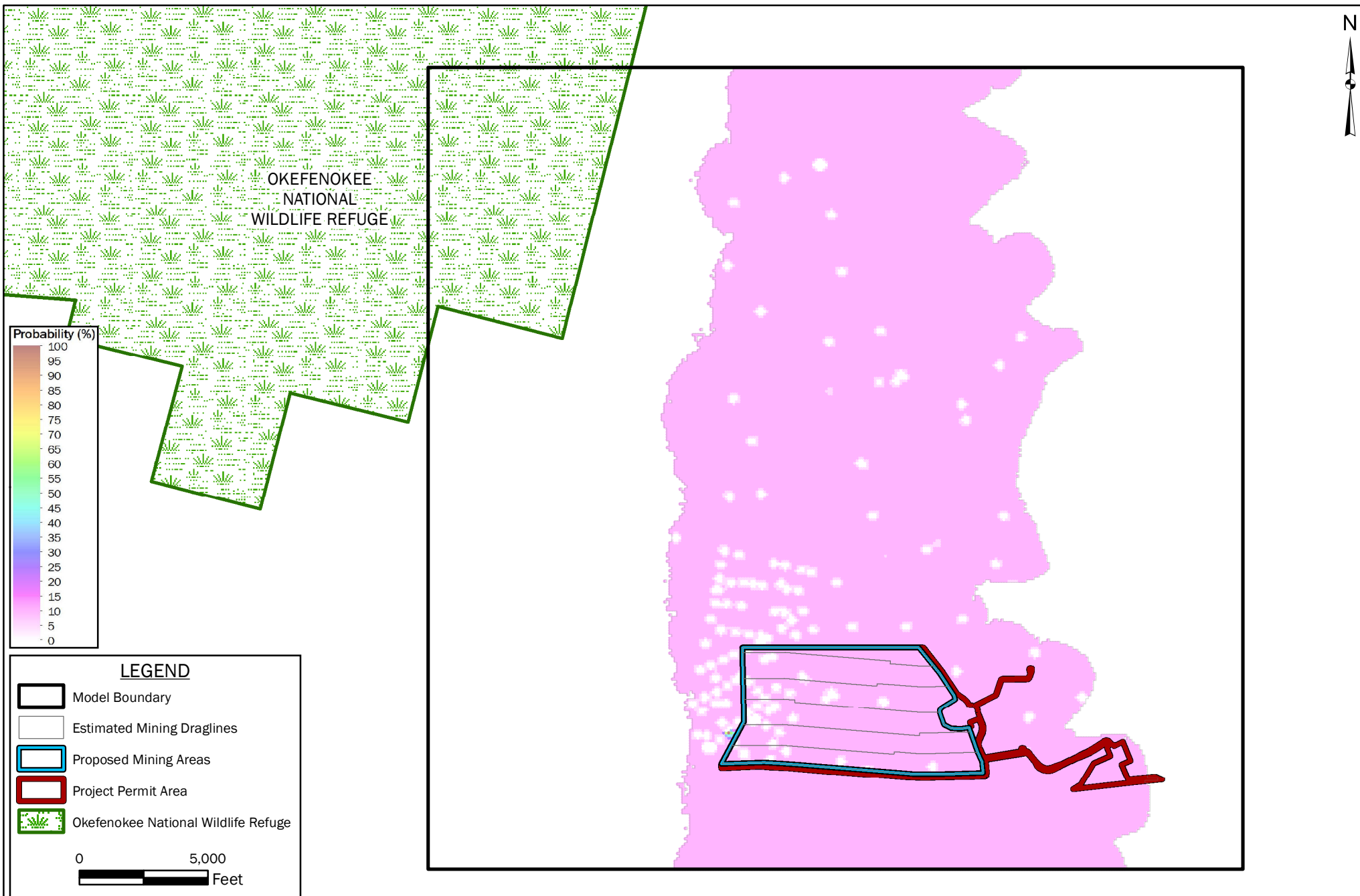
**FIGURE 18: PROBABILITY (%) OF CLAYEY SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 139' (EXPECTED VALUE = 7.85%)**

TWIN PINES MINERALS

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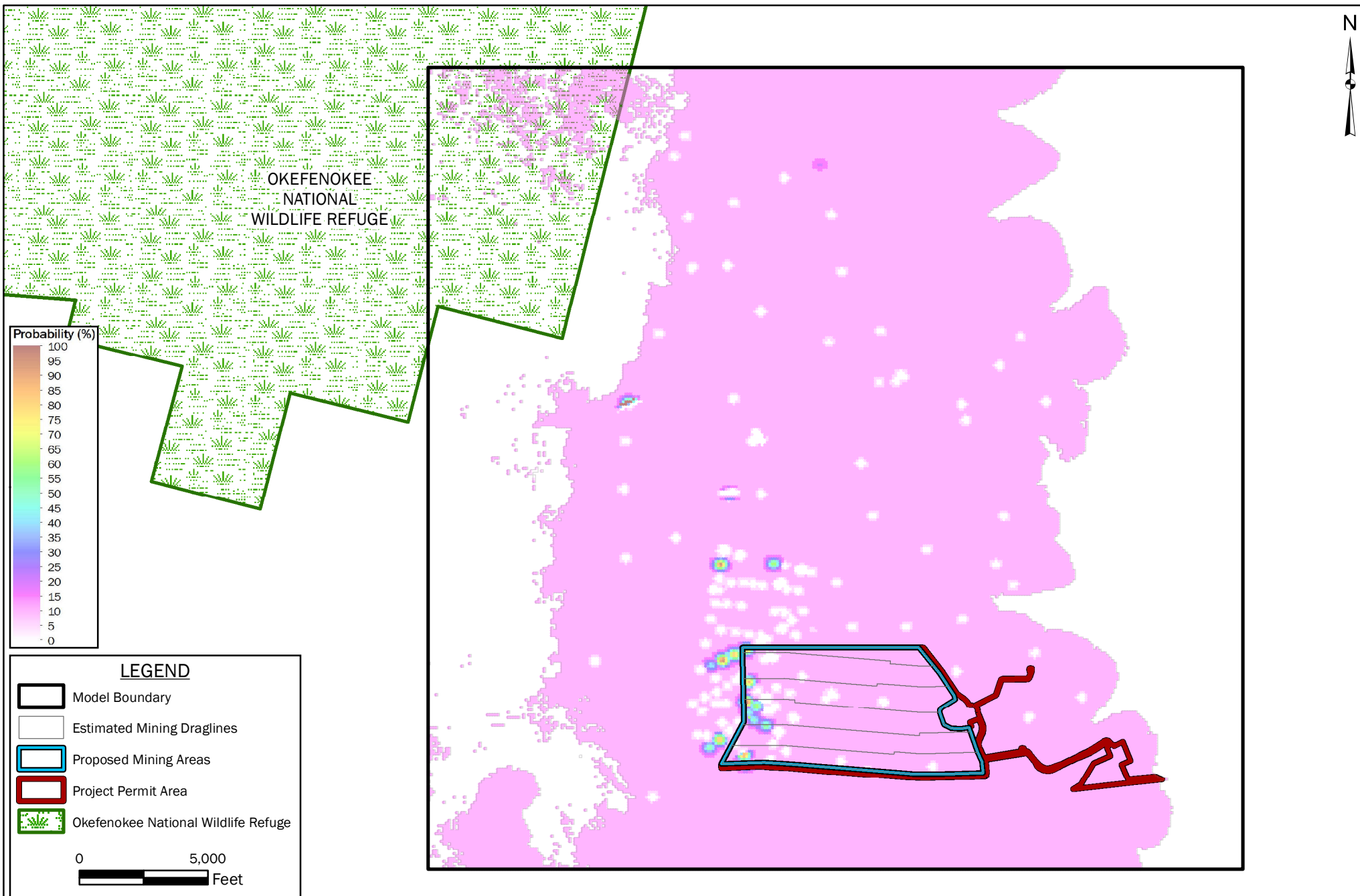
**FIGURE 19: PROBABILITY (%) OF CLAYEY SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 129' (EXPECTED VALUE = 7.85%)**

TWIN PINES MINERALS

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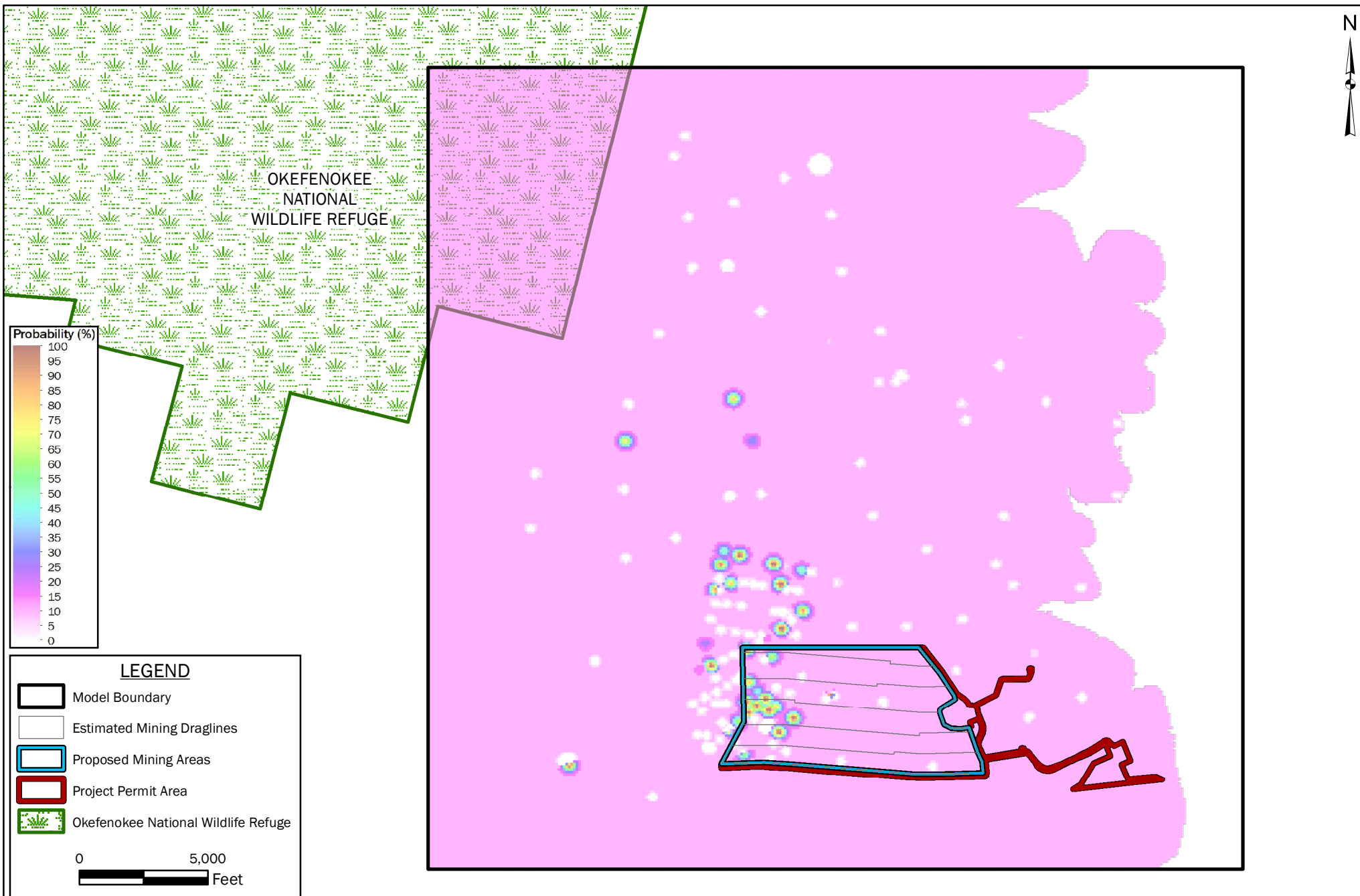
**FIGURE 20: PROBABILITY (%) OF CLAYEY SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 119' (EXPECTED VALUE = 7.85%)**

TWIN PINES MINERALS

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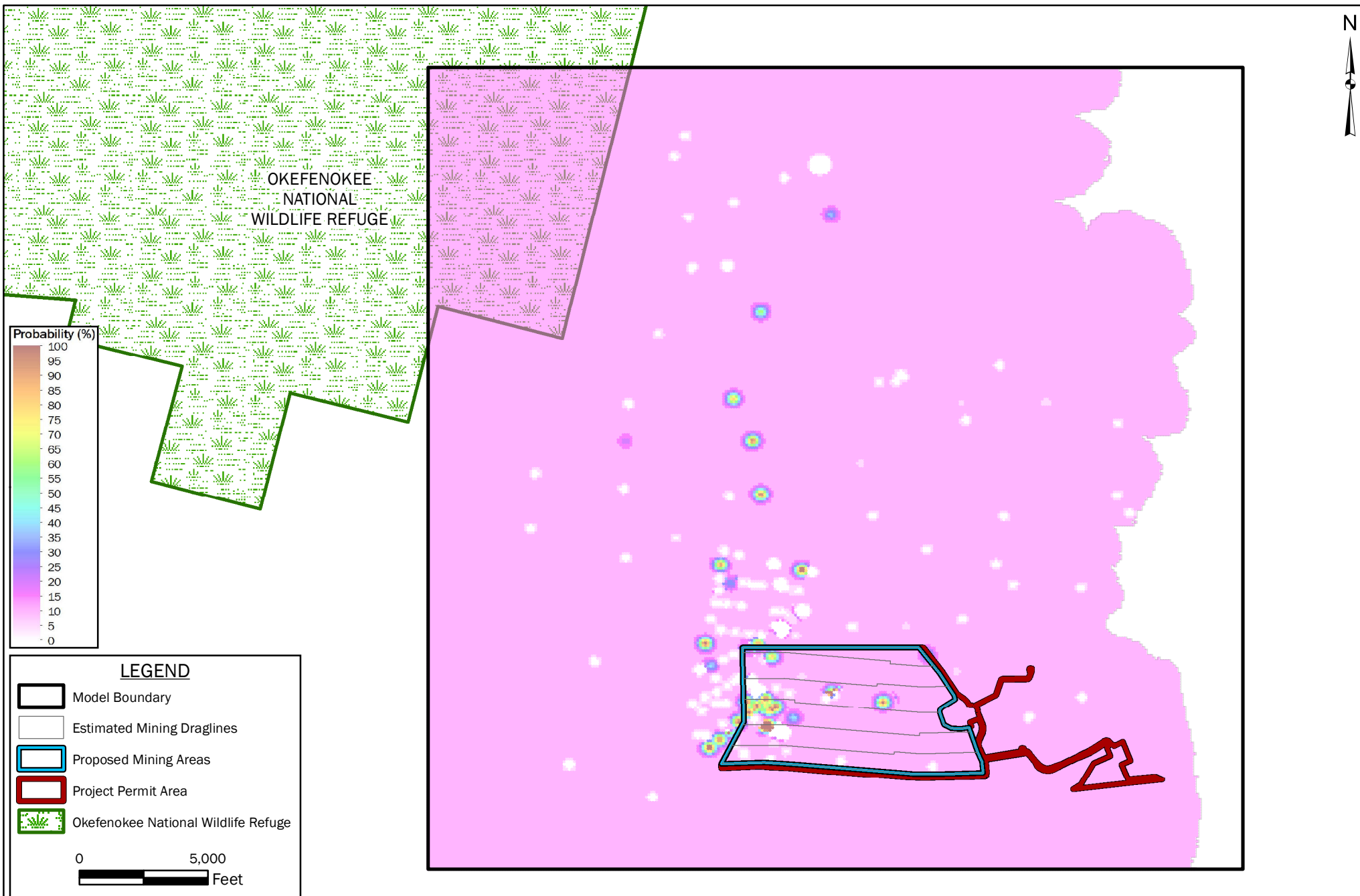
**FIGURE 21: PROBABILITY (%) OF CLAYEY SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 109' (EXPECTED VALUE = 7.85%)**

TWIN PINES MINERALS

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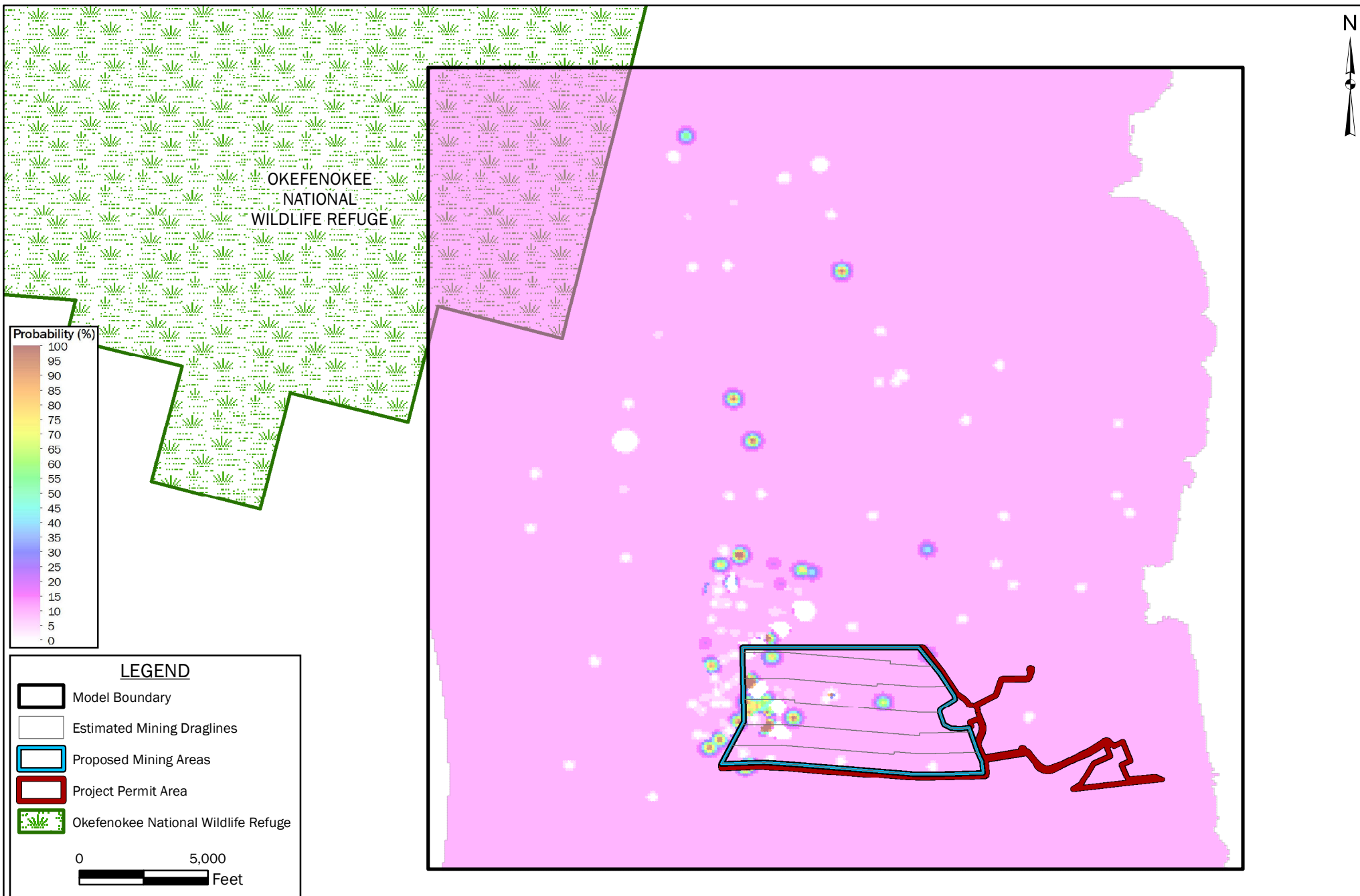
**FIGURE 22: PROBABILITY (%) OF CLAYEY SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 99' (EXPECTED VALUE = 7.85%)**

TWIN PINES MINERALS

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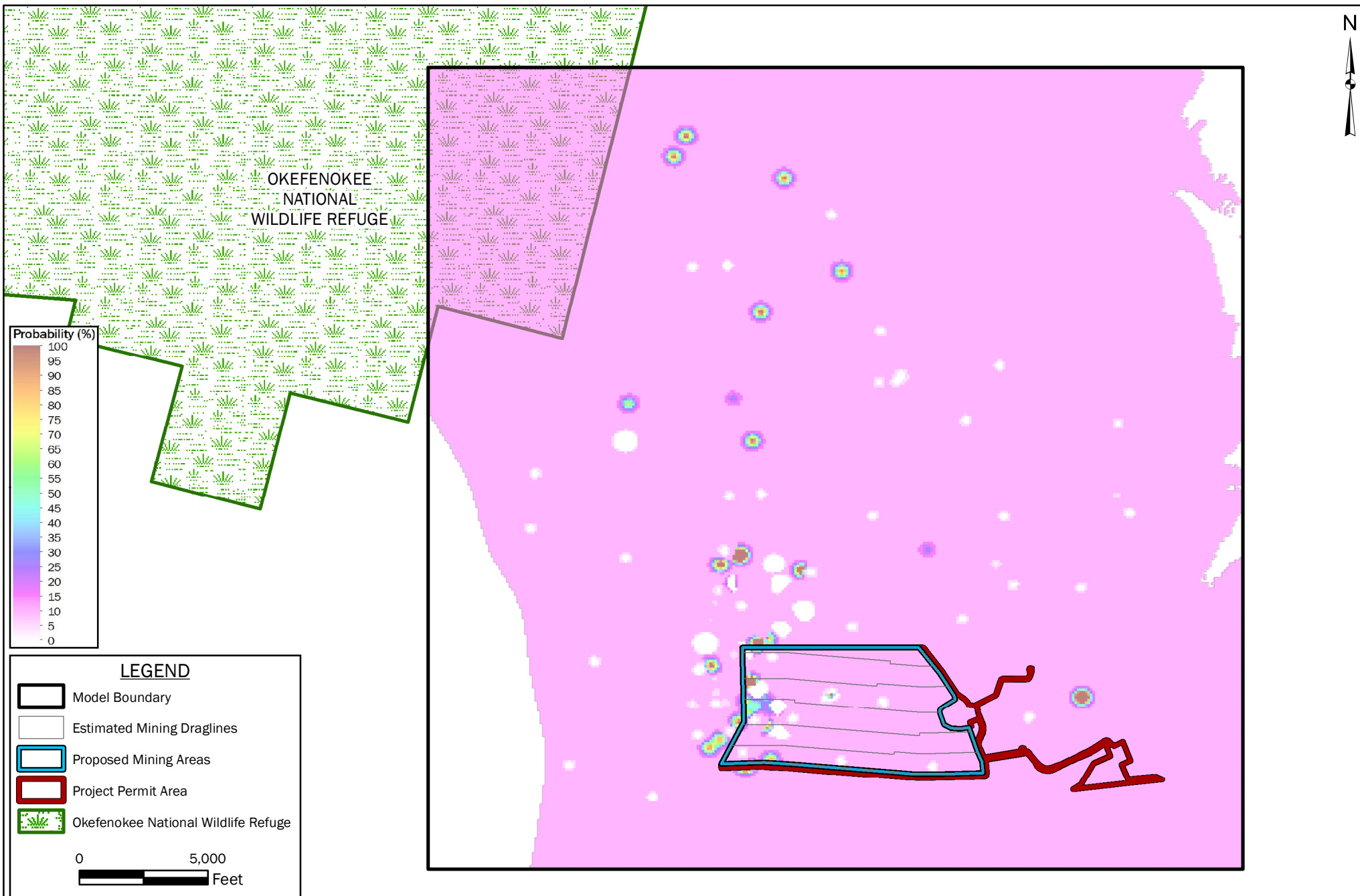
**FIGURE 23: PROBABILITY (%) OF CLAYEY SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 89' (EXPECTED VALUE = 7.85%)**

TWIN PINES MINERALS

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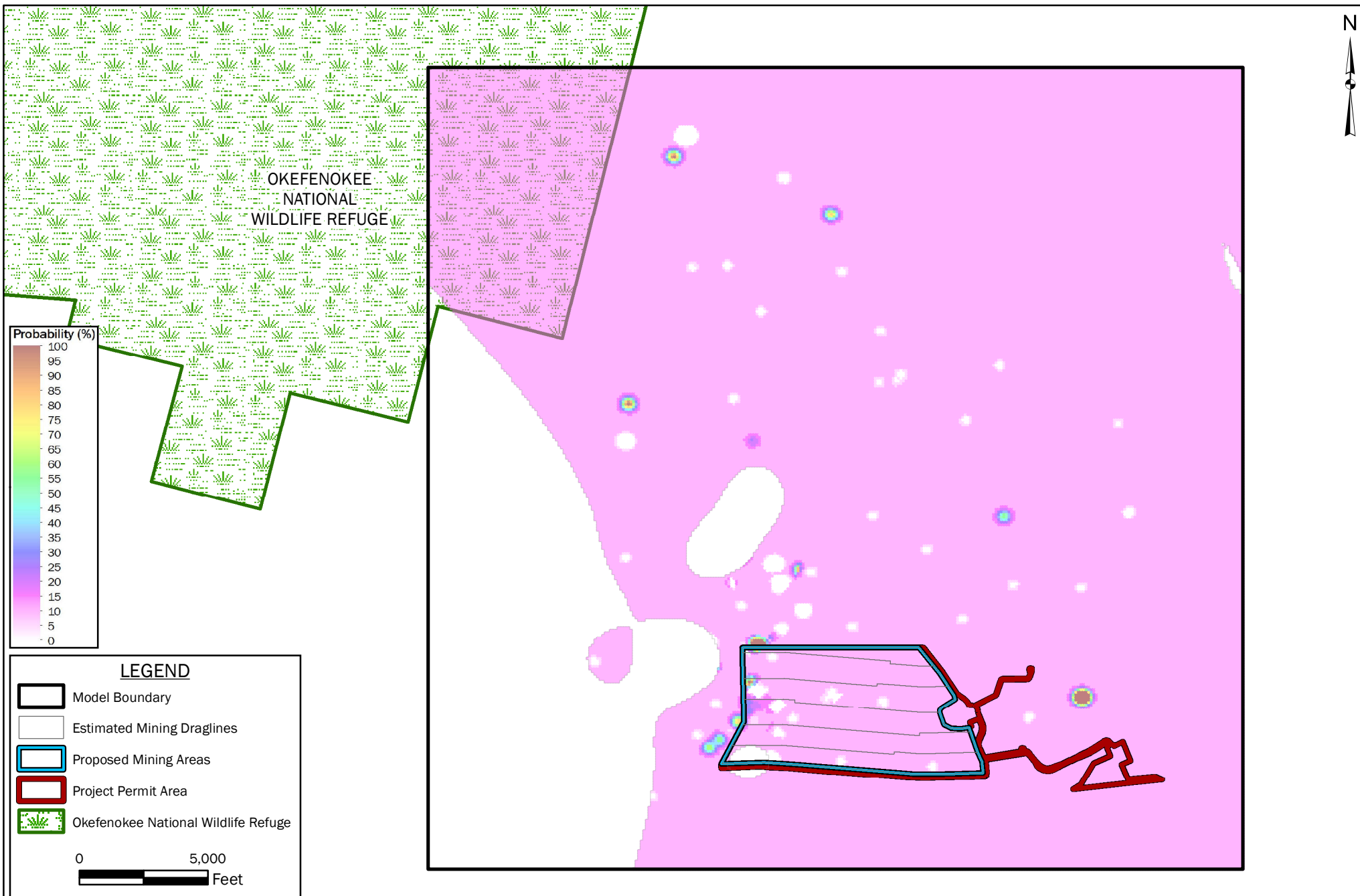


**FIGURE 24: PROBABILITY (%) OF CLAYEY SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 79' (EXPECTED VALUE = 7.85%)**

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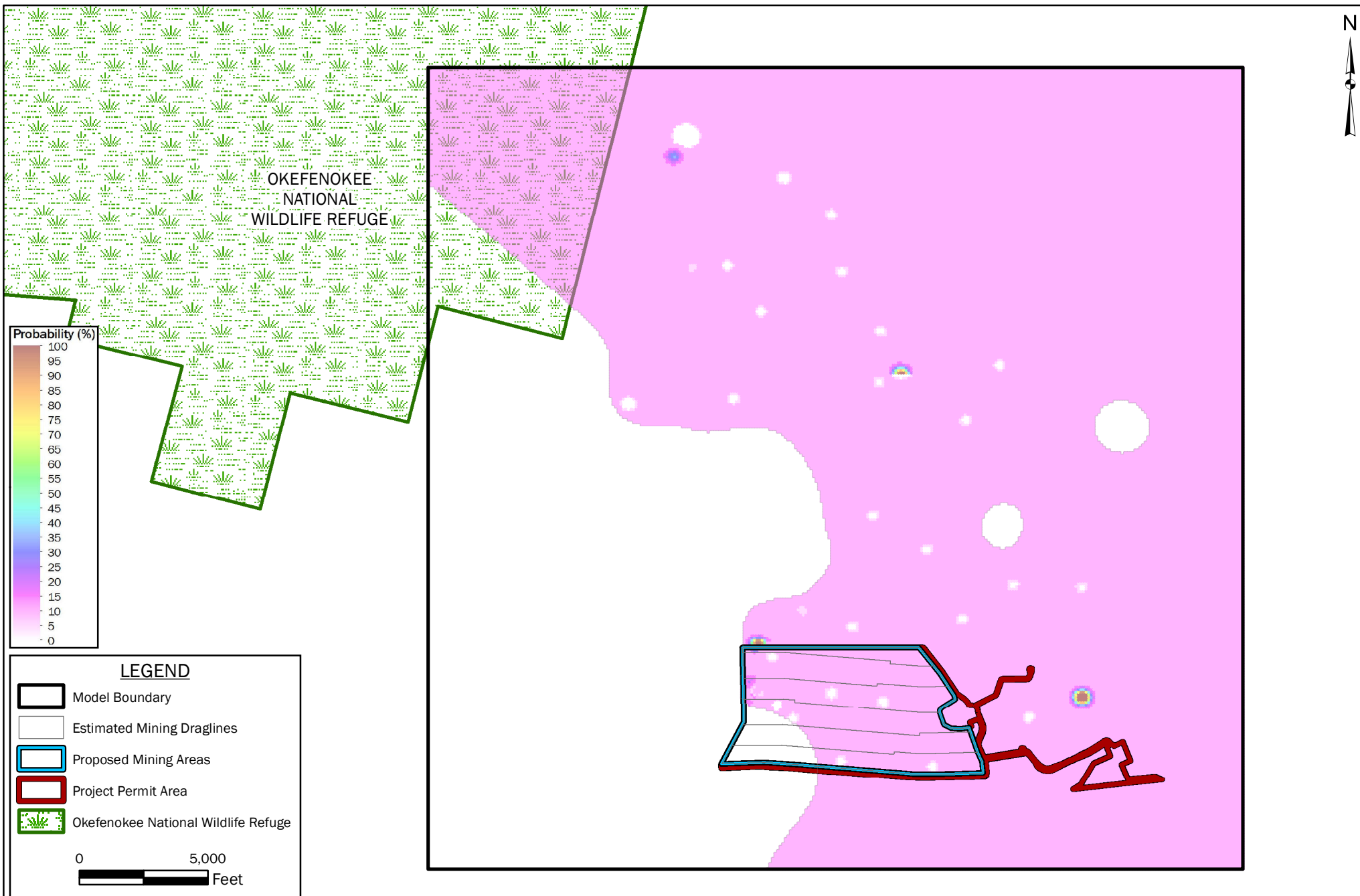
**FIGURE 25: PROBABILITY (%) OF CLAYEY SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 69' (EXPECTED VALUE = 7.85%)**

TWIN PINES MINERALS

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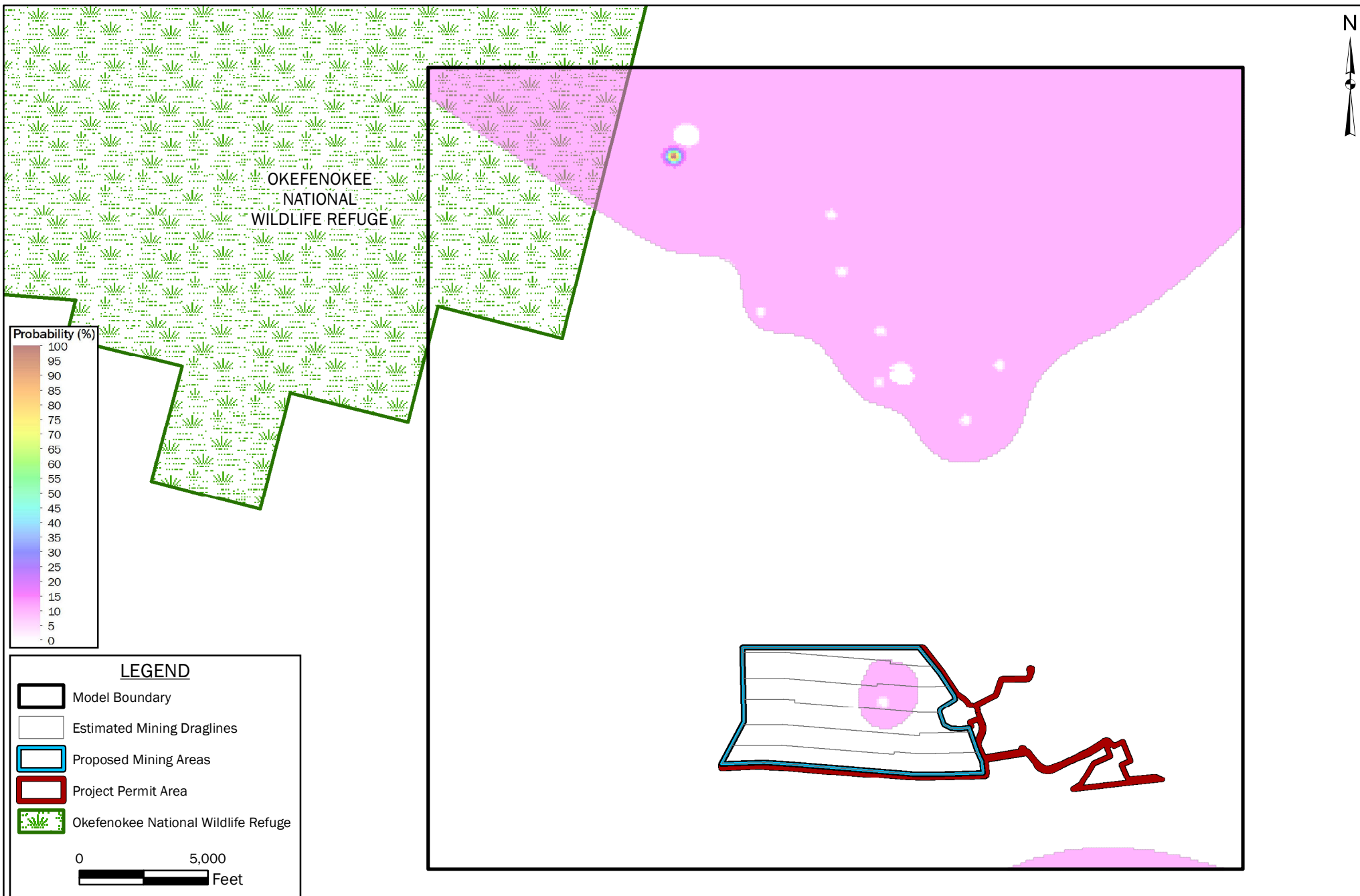
**FIGURE 26: PROBABILITY (%) OF CLAYEY SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 59' (EXPECTED VALUE = 7.85%)**

TWIN PINES MINERALS

ST. GEORGE, CHARLTON COUNTY, GEORGIA



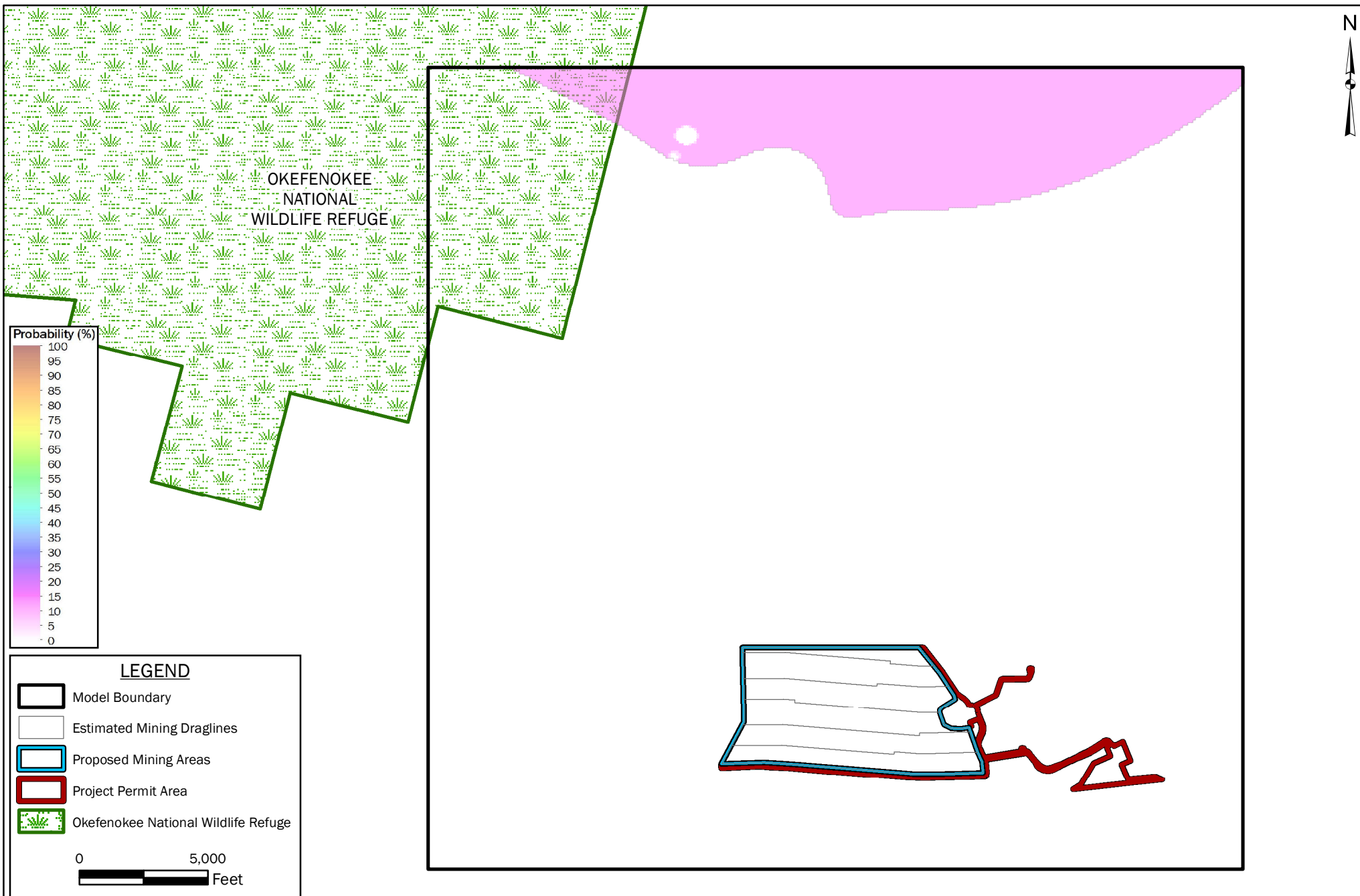
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**FIGURE 27: PROBABILITY (%) OF CLAYEY SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 49' (EXPECTED VALUE = 7.85%)**

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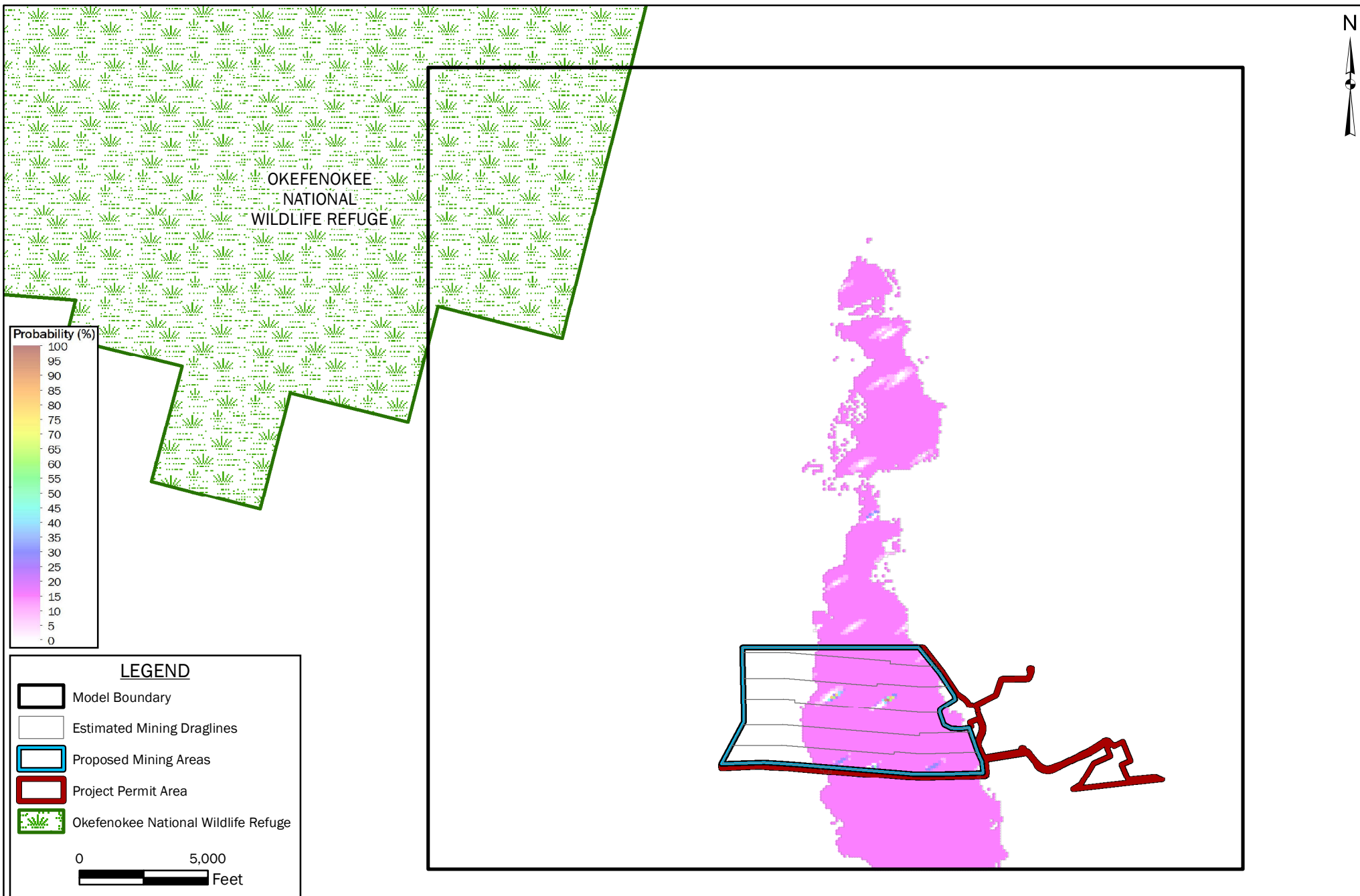
**FIGURE 28: PROBABILITY (%) OF CLAYEY SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 39' (EXPECTED VALUE = 7.85%)**

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**FIGURE 29: PROBABILITY (%) OF SEMI-CONSOLIDATED SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 169' (EXPECTED VALUE = 10.27%)**

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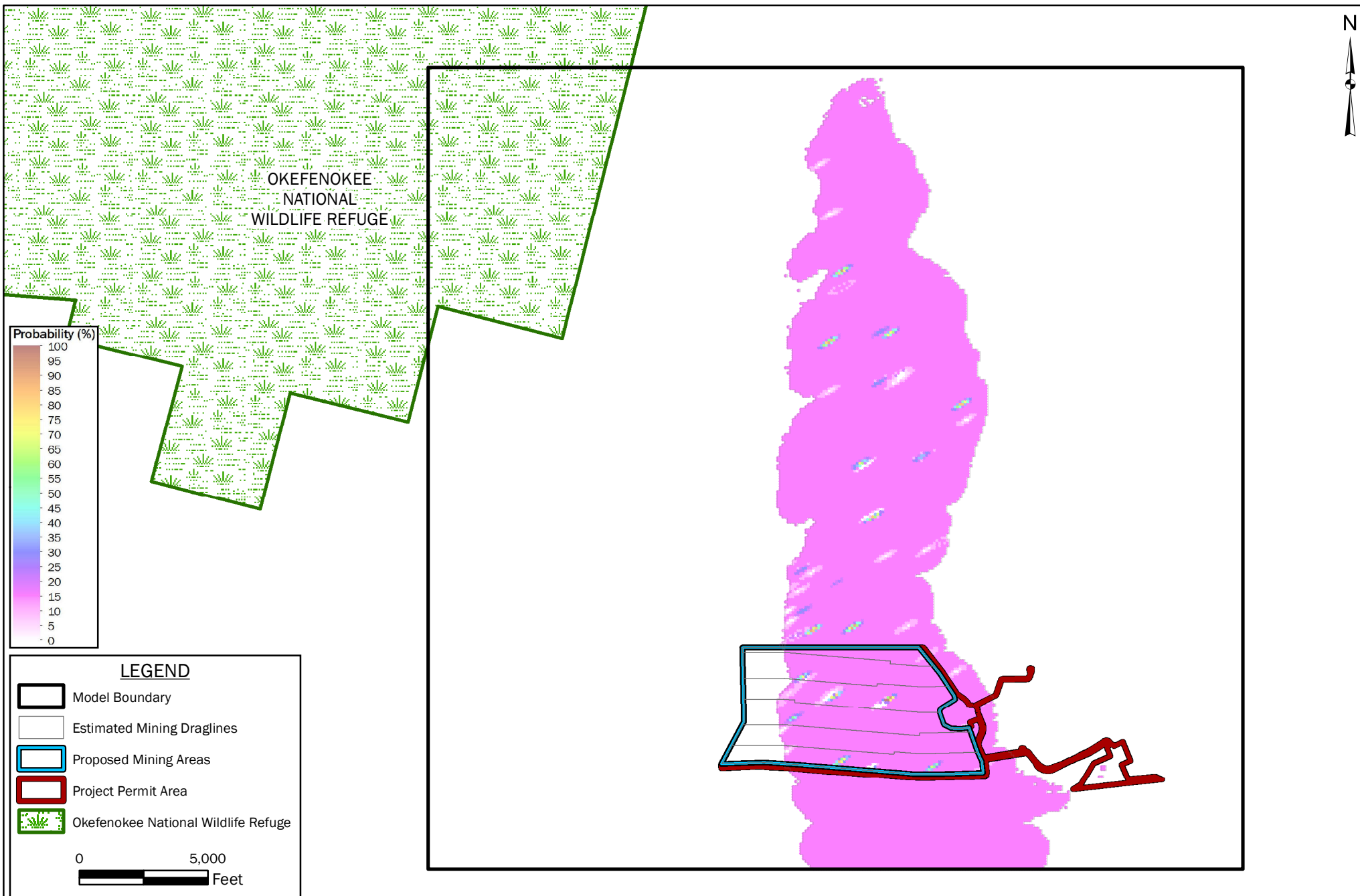
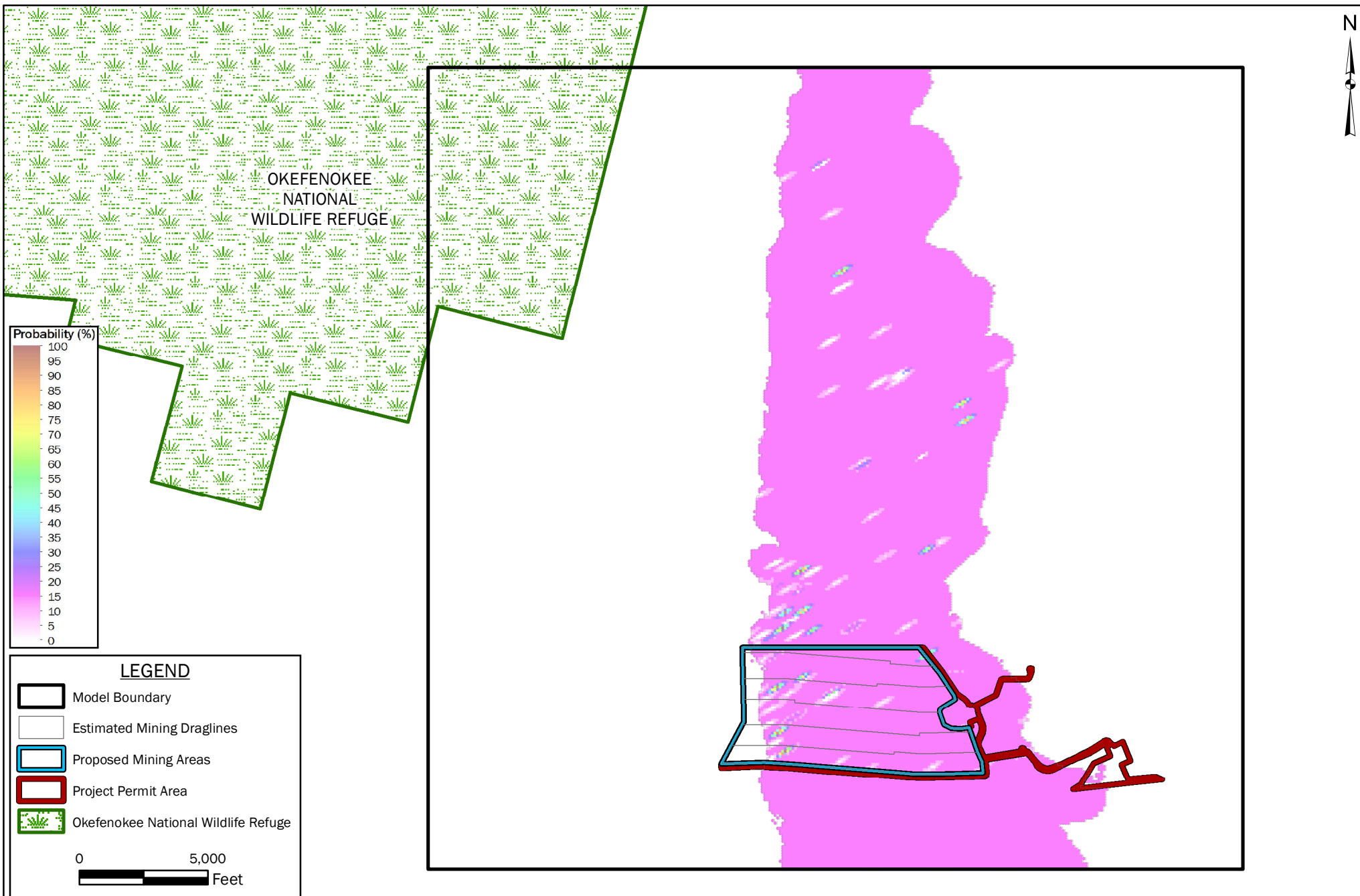


FIGURE 30: PROBABILITY (%) OF SEMI-CONSOLIDATED SANDS SOIL PRESENCE
 BOTTOM OF 10 FOOT LAYER = 159' (EXPECTED VALUE = 10.27%)

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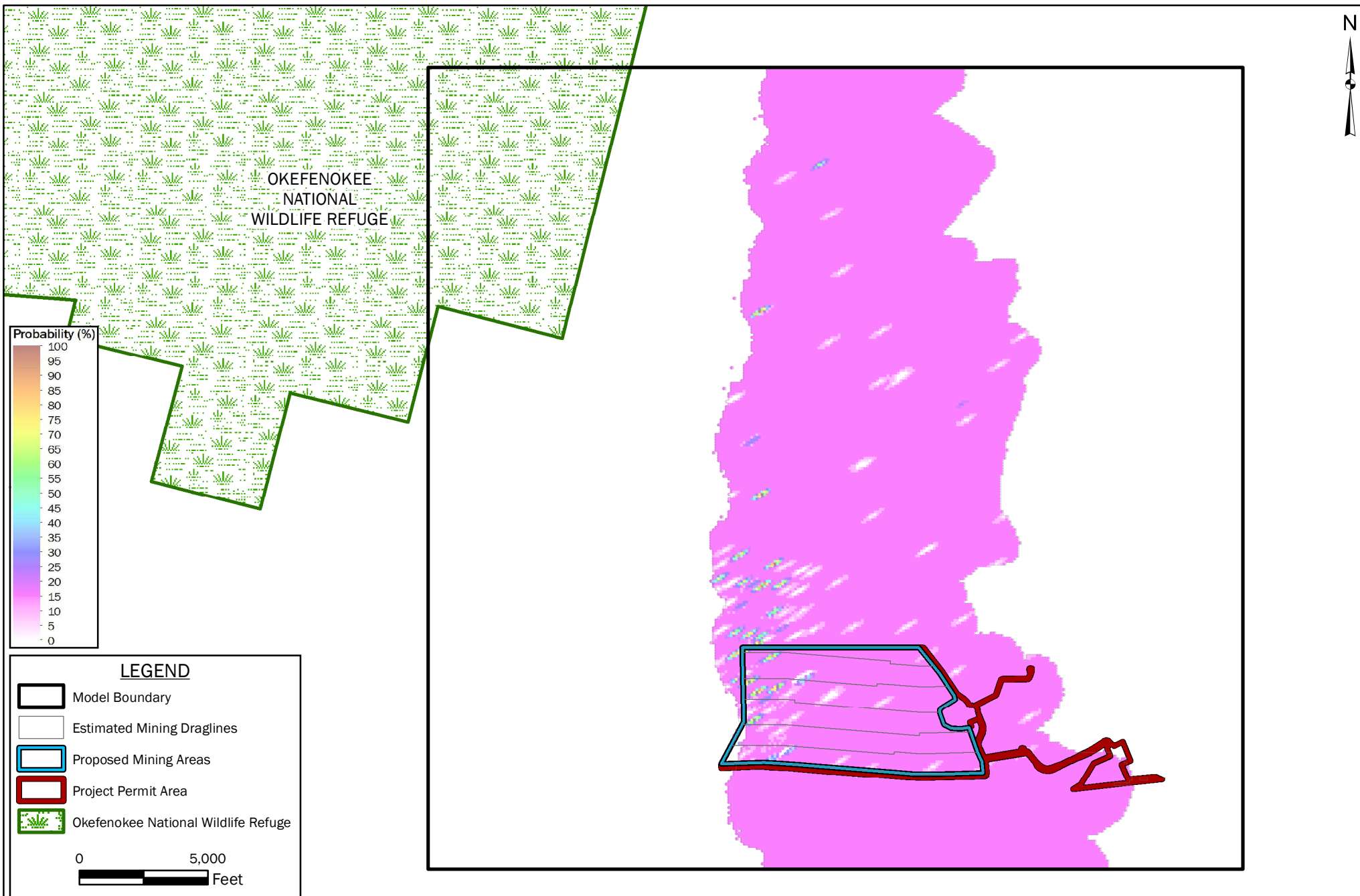
**FIGURE 31: PROBABILITY (%) OF SEMI-CONSOLIDATED SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 149' (EXPECTED VALUE = 10.27%)**

TWIN PINES MINERALS

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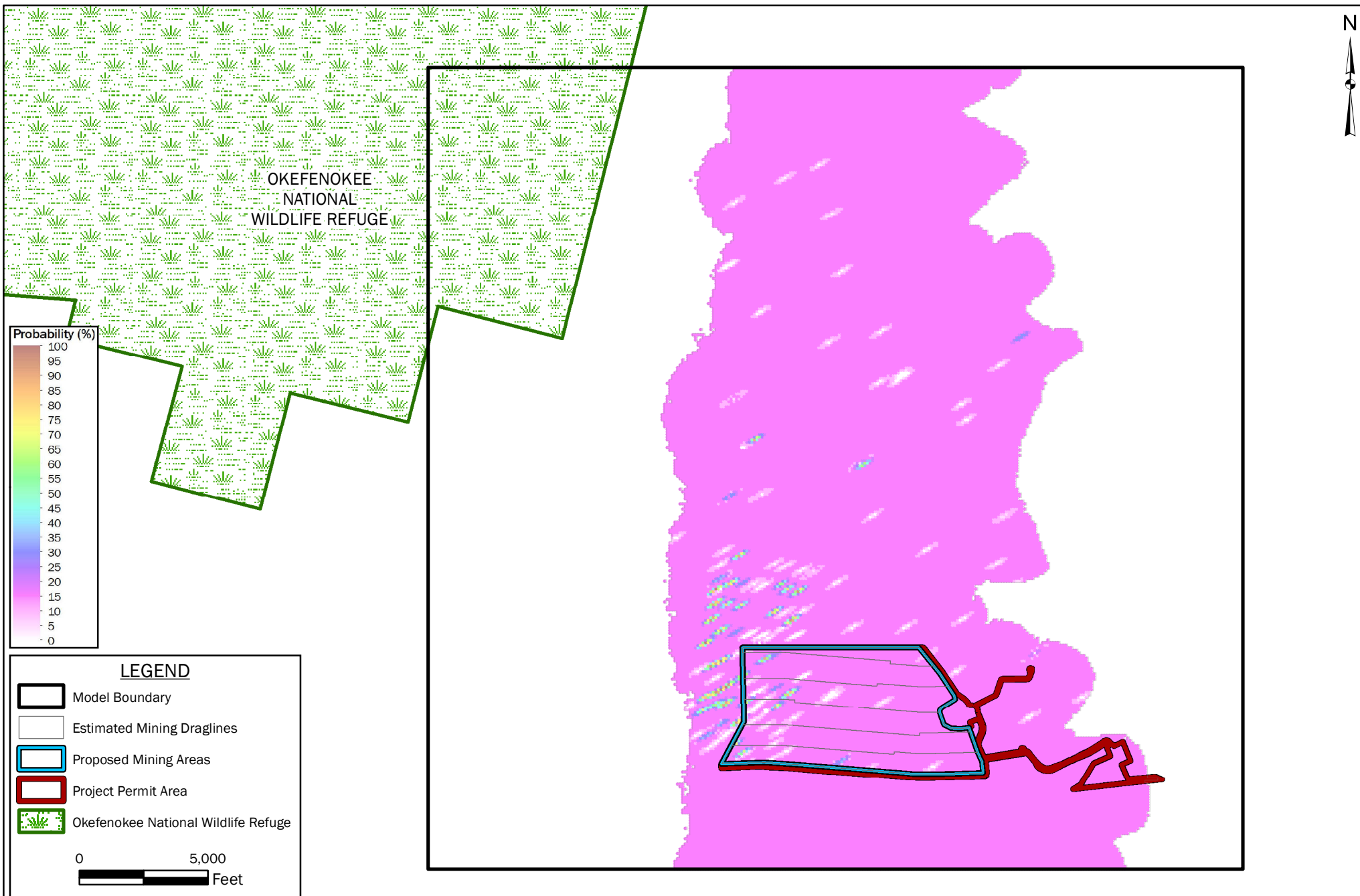


**FIGURE 32: PROBABILITY (%) OF SEMI-CONSOLIDATED SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 139' (EXPECTED VALUE = 10.27%)**

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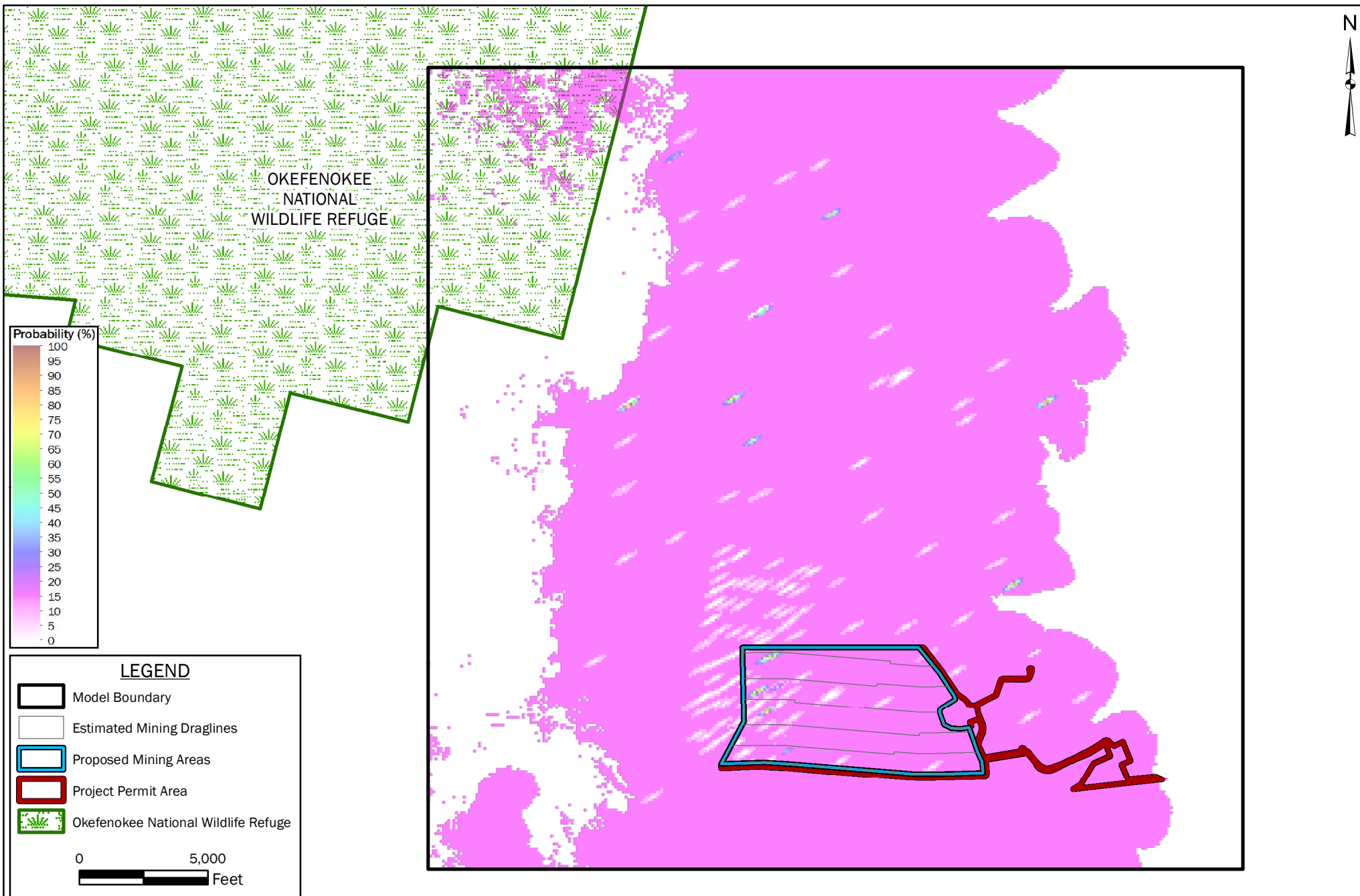
**FIGURE 33: PROBABILITY (%) OF SEMI-CONSOLIDATED SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 129' (EXPECTED VALUE = 10.27%)**

TWIN PINES MINERALS

ST. GEORGE, CHARLTON COUNTY, GEORGIA



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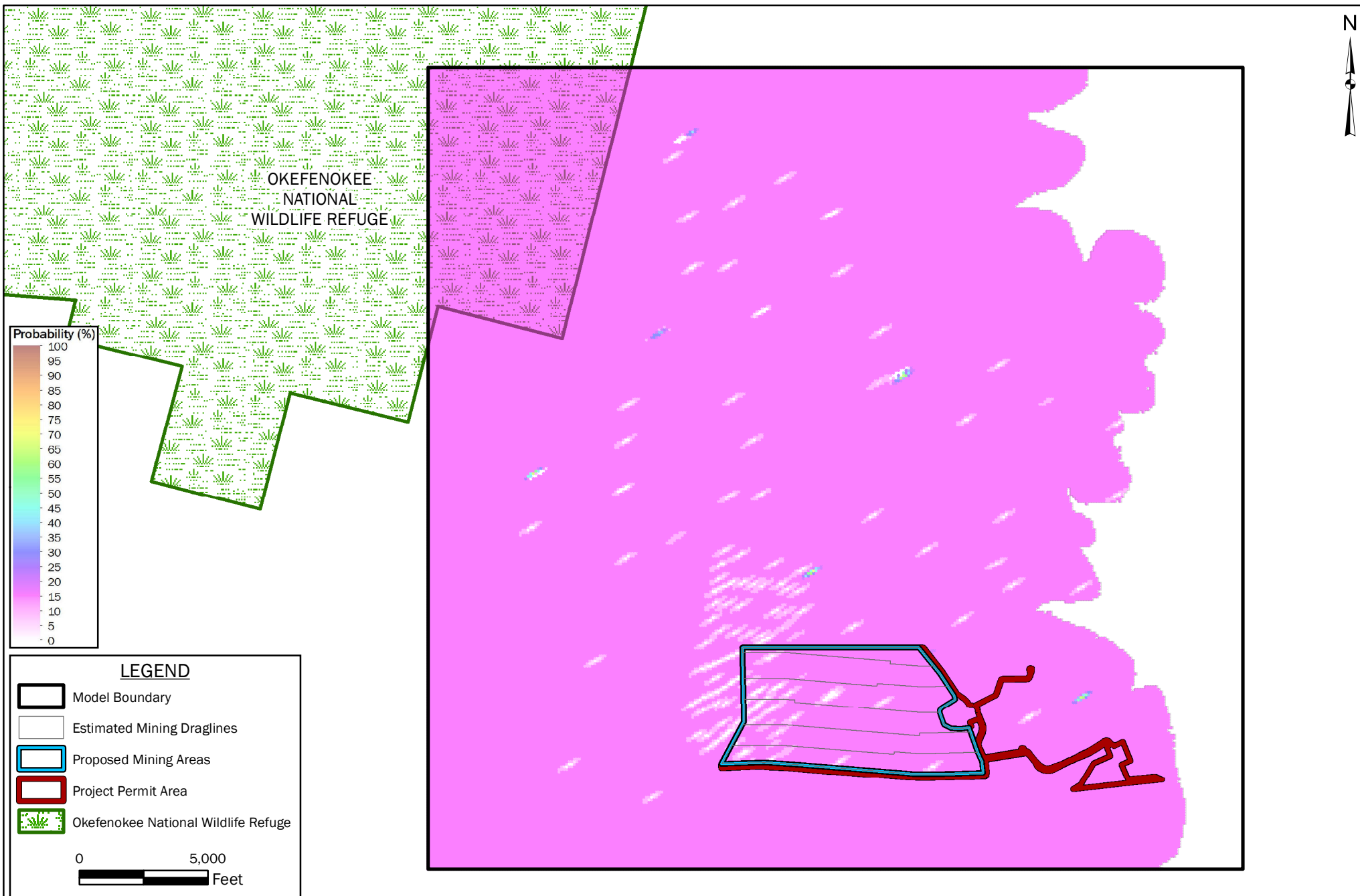


**FIGURE 34: PROBABILITY (%) OF SEMI-CONSOLIDATED SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 119' (EXPECTED VALUE = 10.27%)**

TWIN PINES MINERALS
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**FIGURE 35: PROBABILITY (%) OF SEMI-CONSOLIDATED SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 109' (EXPECTED VALUE = 10.27%)**

TWIN PINES MINERALS
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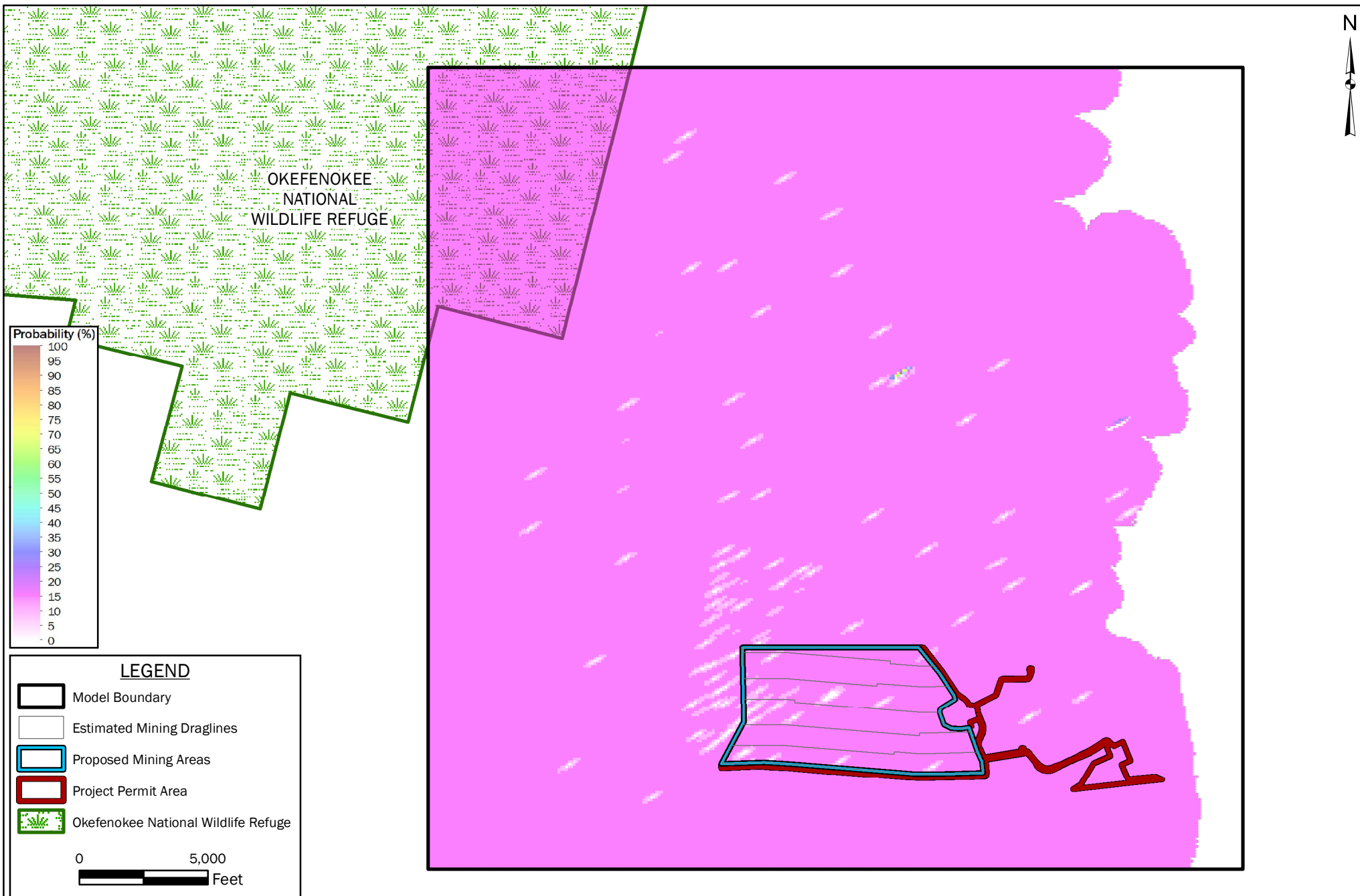
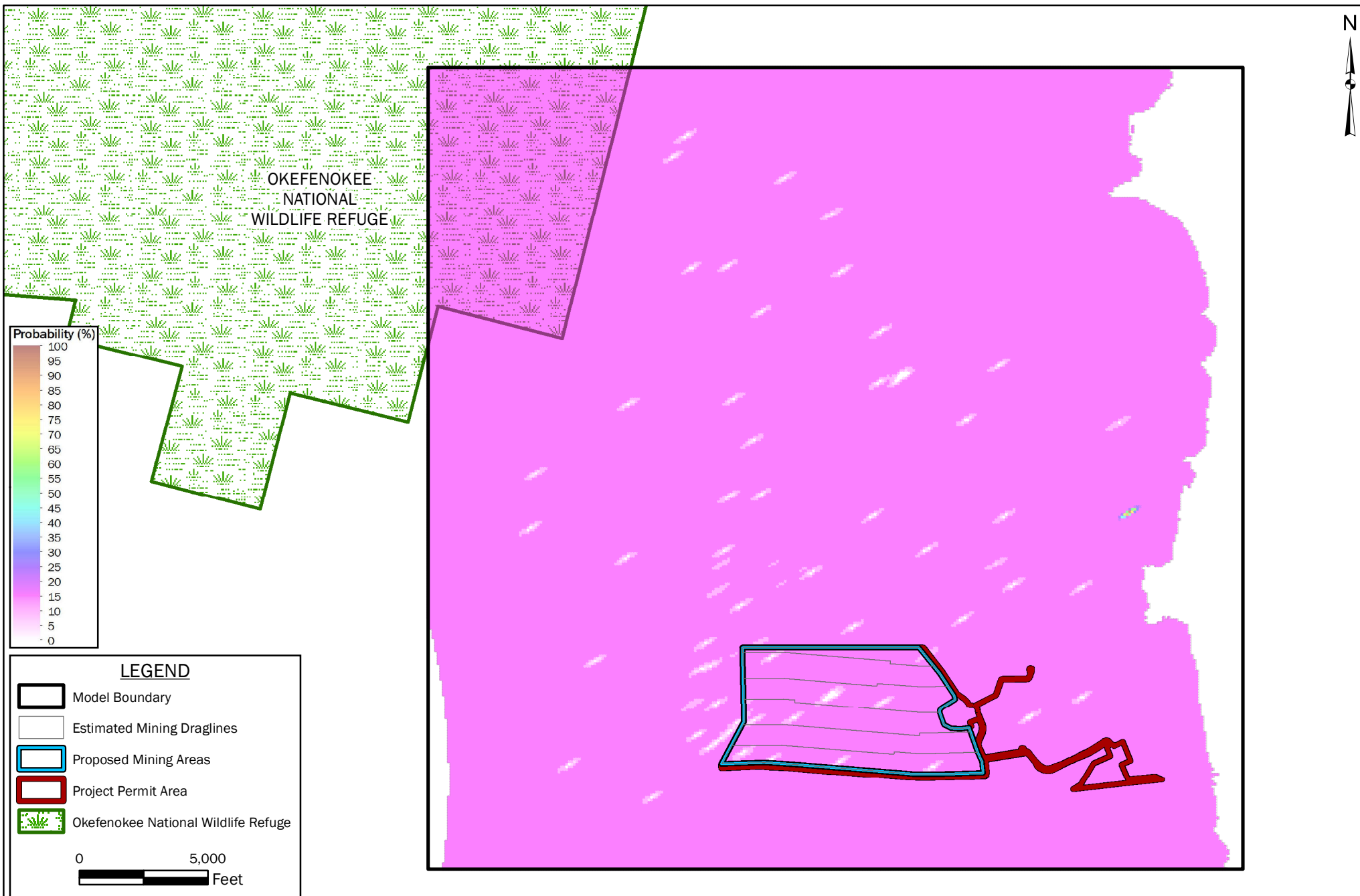


FIGURE 36: PROBABILITY (%) OF SEMI-CONSOLIDATED SANDS SOIL PRESENCE
 BOTTOM OF 10 FOOT LAYER = 99' (EXPECTED VALUE = 10.27%)

TWIN PINES MINERALS
 ST. GEORGE, CHARLTON COUNTY, GEORGIA



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APPROX. SCALE: 1 in = 5,000 ft



**FIGURE 37: PROBABILITY (%) OF SEMI-CONSOLIDATED SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 89' (EXPECTED VALUE = 10.27%)**

TWIN PINES MINERALS

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REVISION DATE: N/A
TTL JOB NO.: 000180200804.00
APPROX. SCALE: 1 in = 5,000 ft

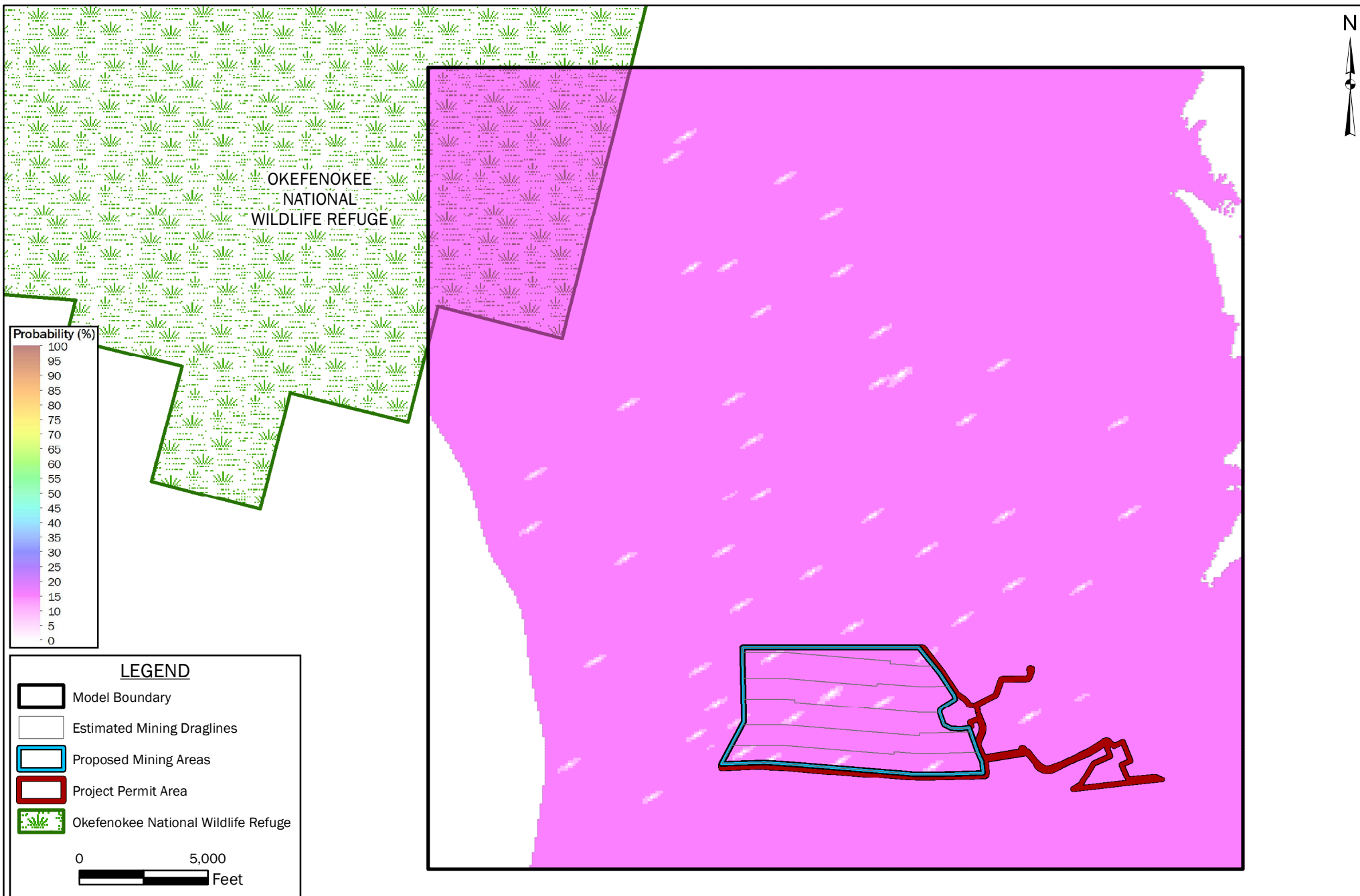


FIGURE 38: PROBABILITY (%) OF SEMI-CONSOLIDATED SANDS SOIL PRESENCE
 BOTTOM OF 10 FOOT LAYER = 79' (EXPECTED VALUE = 10.27%)

TWIN PINES MINERALS
 ST. GEORGE, CHARLTON COUNTY, GEORGIA



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REVISION DATE: N/A
TTL JOB NO.: 000180200804.00
APPROX. SCALE: 1 in = 5,000 ft

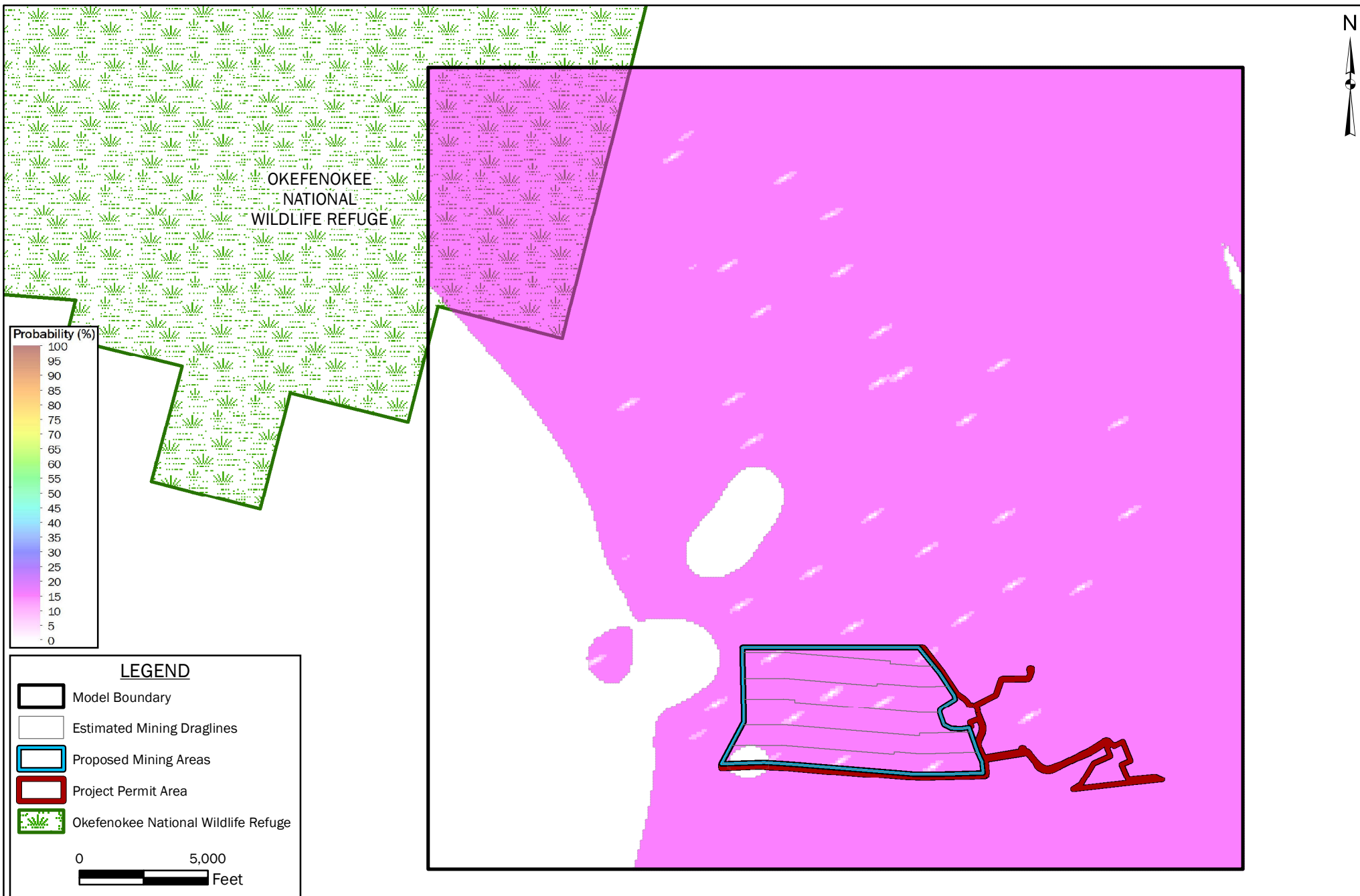
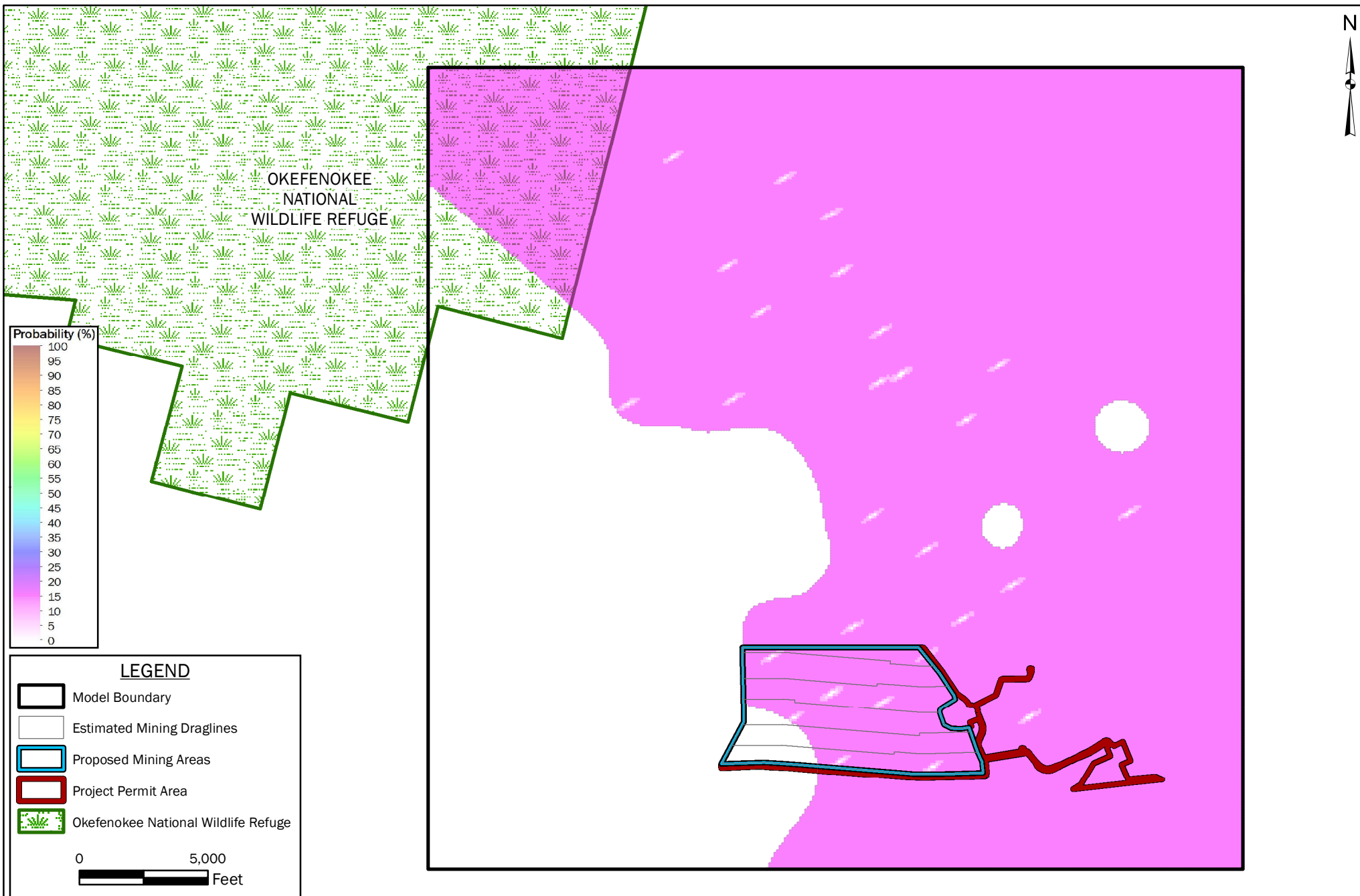


FIGURE 39: PROBABILITY (%) OF SEMI-CONSOLIDATED SANDS SOIL PRESENCE
 BOTTOM OF 10 FOOT LAYER = 69' (EXPECTED VALUE = 10.27%)

TWIN PINES MINERALS
 ST. GEORGE, CHARLTON COUNTY, GEORGIA

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CHECKED BY: RMH
DRAWING DATE: 2/28/2020
REVISION DATE: N/A
TTL JOB NO.: 000180200804.00
APPROX. SCALE: 1 in = 5,000 ft

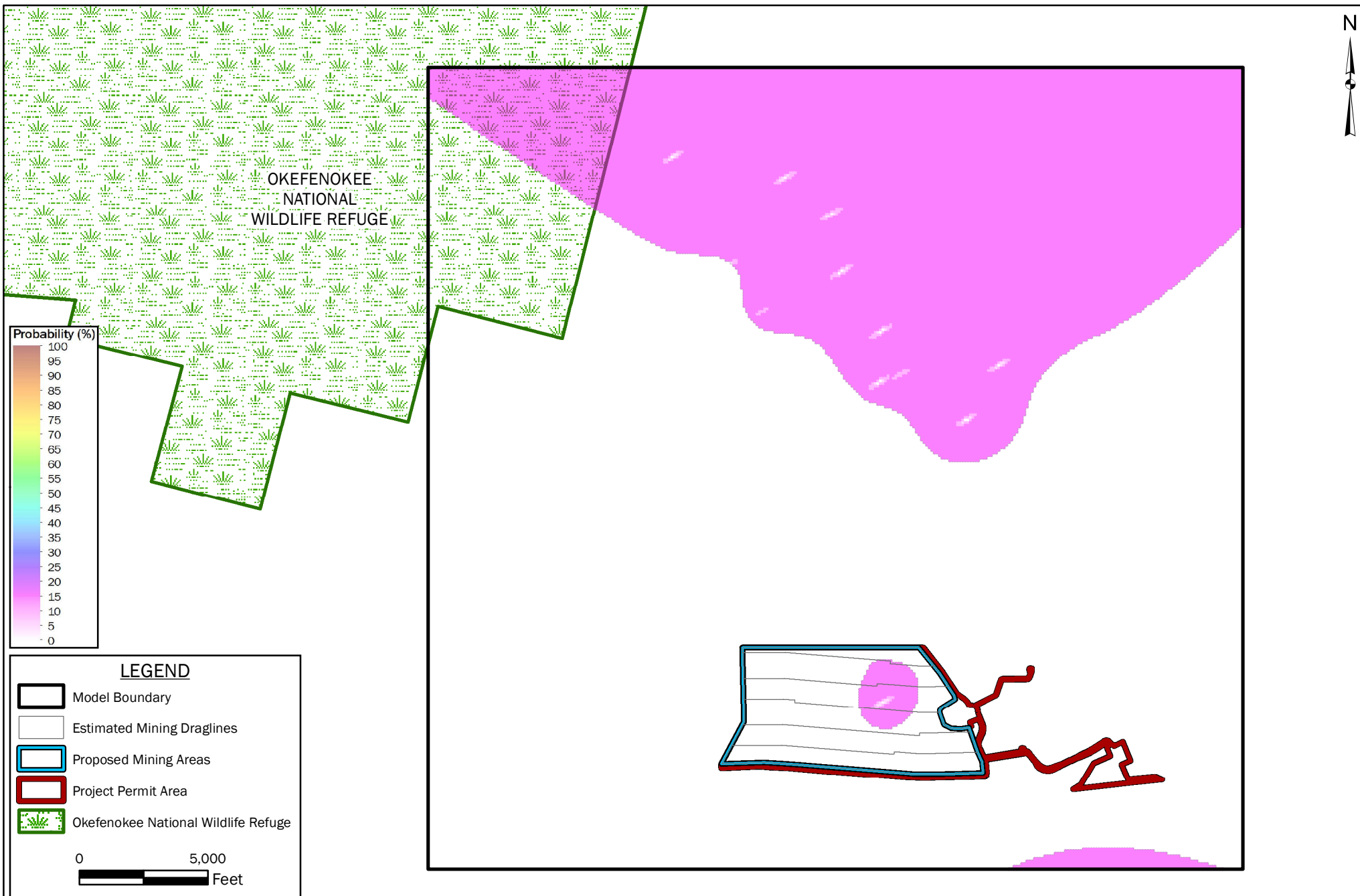


**FIGURE 40: PROBABILITY (%) OF SEMI-CONSOLIDATED SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 59' (EXPECTED VALUE = 10.27%)**

TWIN PINES MINERALS
ST. GEORGE, CHARLTON COUNTY, GEORGIA



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DRAWING DATE: 2/28/2020
REVISION DATE: N/A
TTL JOB NO.: 000180200804.00
APPROX. SCALE: 1 in = 5,000 ft

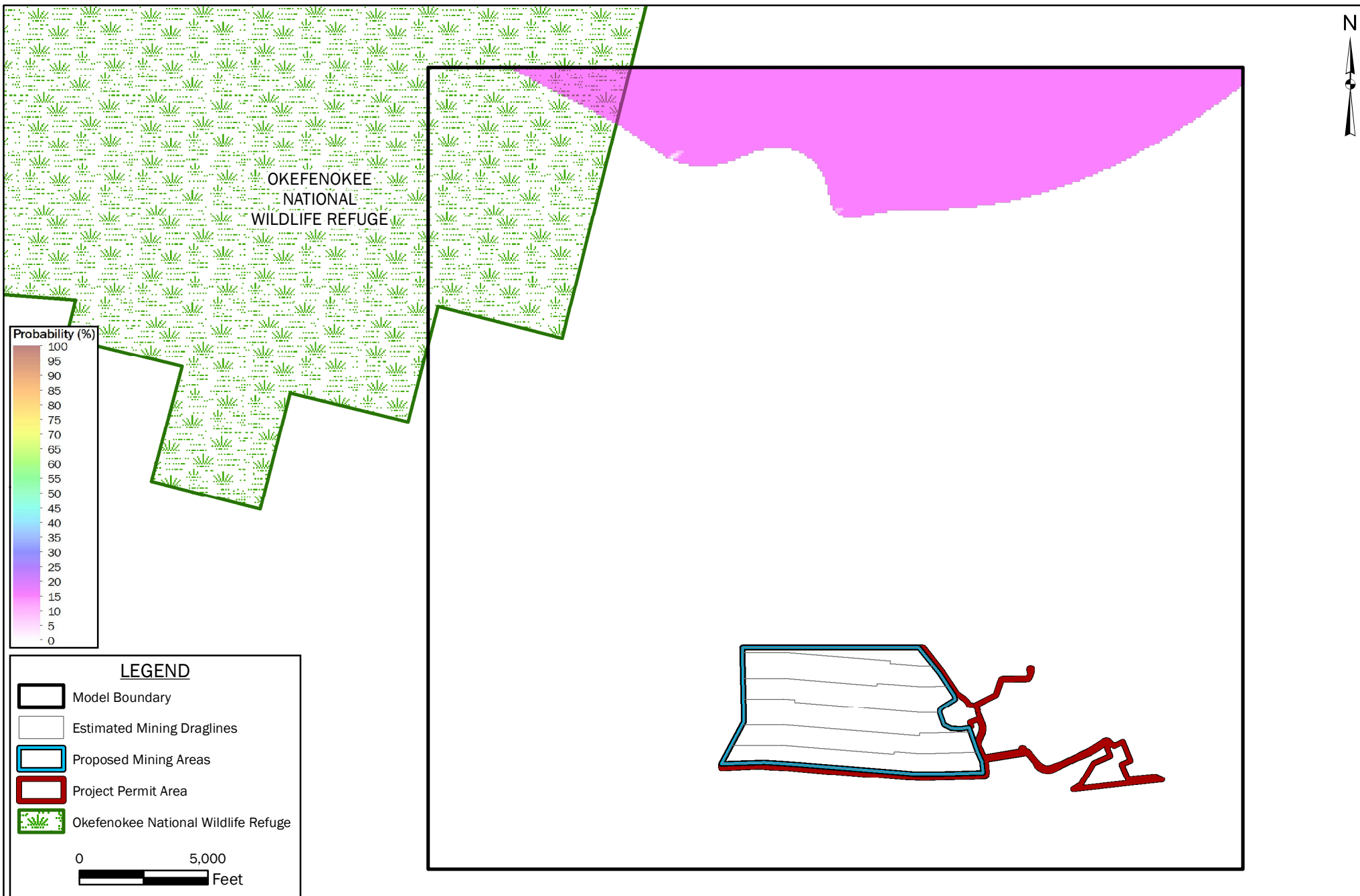


**FIGURE 41: PROBABILITY (%) OF SEMI-CONSOLIDATED SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 49' (EXPECTED VALUE = 10.27%)**

TWIN PINES MINERALS
ST. GEORGE, CHARLTON COUNTY, GEORGIA



DRAWN BY: DEK
CHECKED BY: RMH
DRAWING DATE: 2/28/2020
REVISION DATE: N/A
TTL JOB NO.: 000180200804.00
APPROX. SCALE: 1 in = 5,000 ft

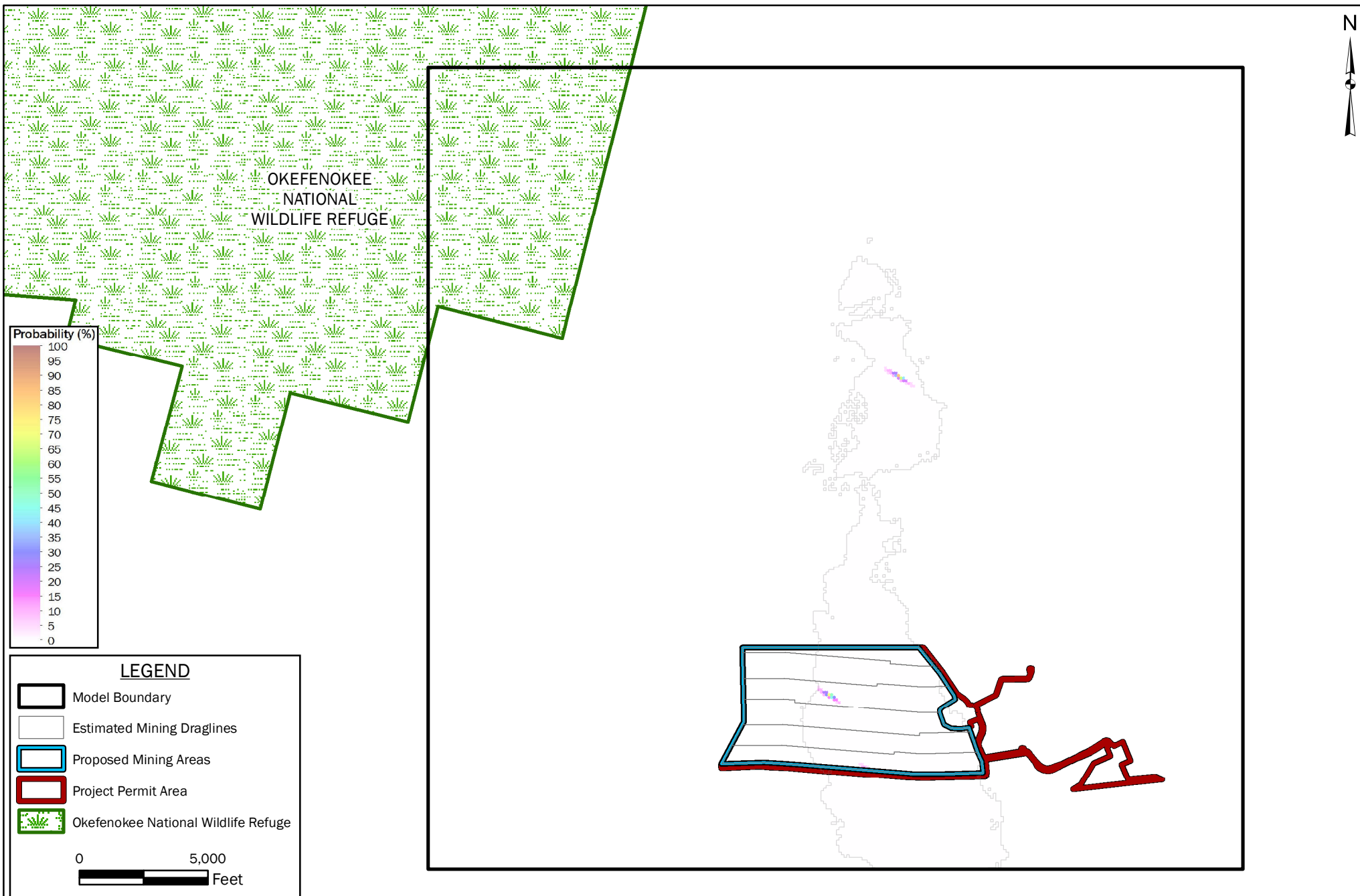


**FIGURE 42: PROBABILITY (%) OF SEMI-CONSOLIDATED SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 39' (EXPECTED VALUE = 10.27%)**

TWIN PINES MINERALS
ST. GEORGE, CHARLTON COUNTY, GEORGIA



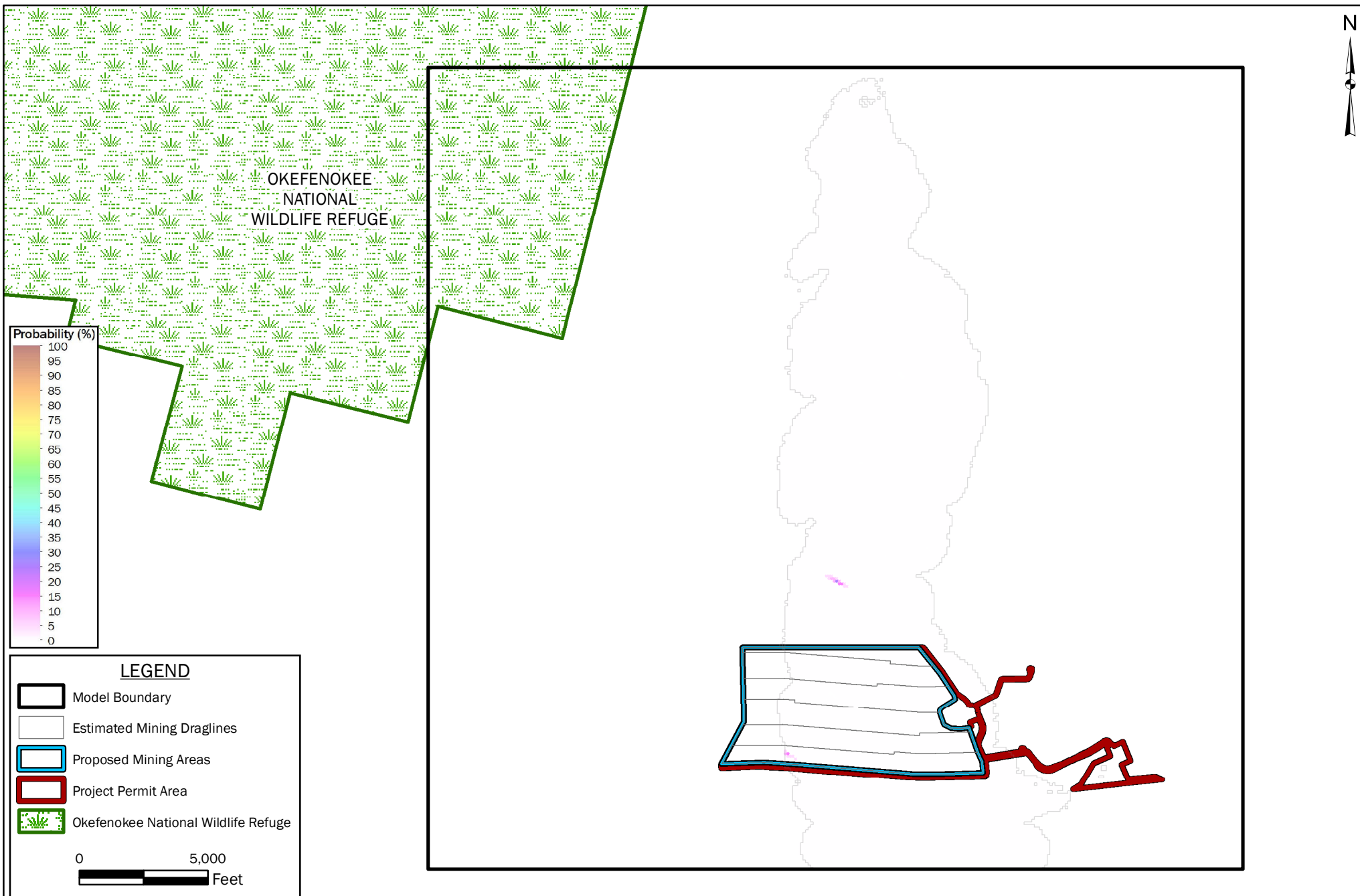
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CHECKED BY: RMH
DRAWING DATE: 2/28/2020
REVISION DATE: N/A
TTL JOB NO.: 000180200804.00
APPROX. SCALE: 1 in = 5,000 ft



**FIGURE 43: PROBABILITY (%) OF UNCONSOLIDATED BLACK SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 169' (EXPECTED VALUE = 1.34%)**

TWIN PINES MINERALS
ST. GEORGE, CHARLTON COUNTY, GEORGIA

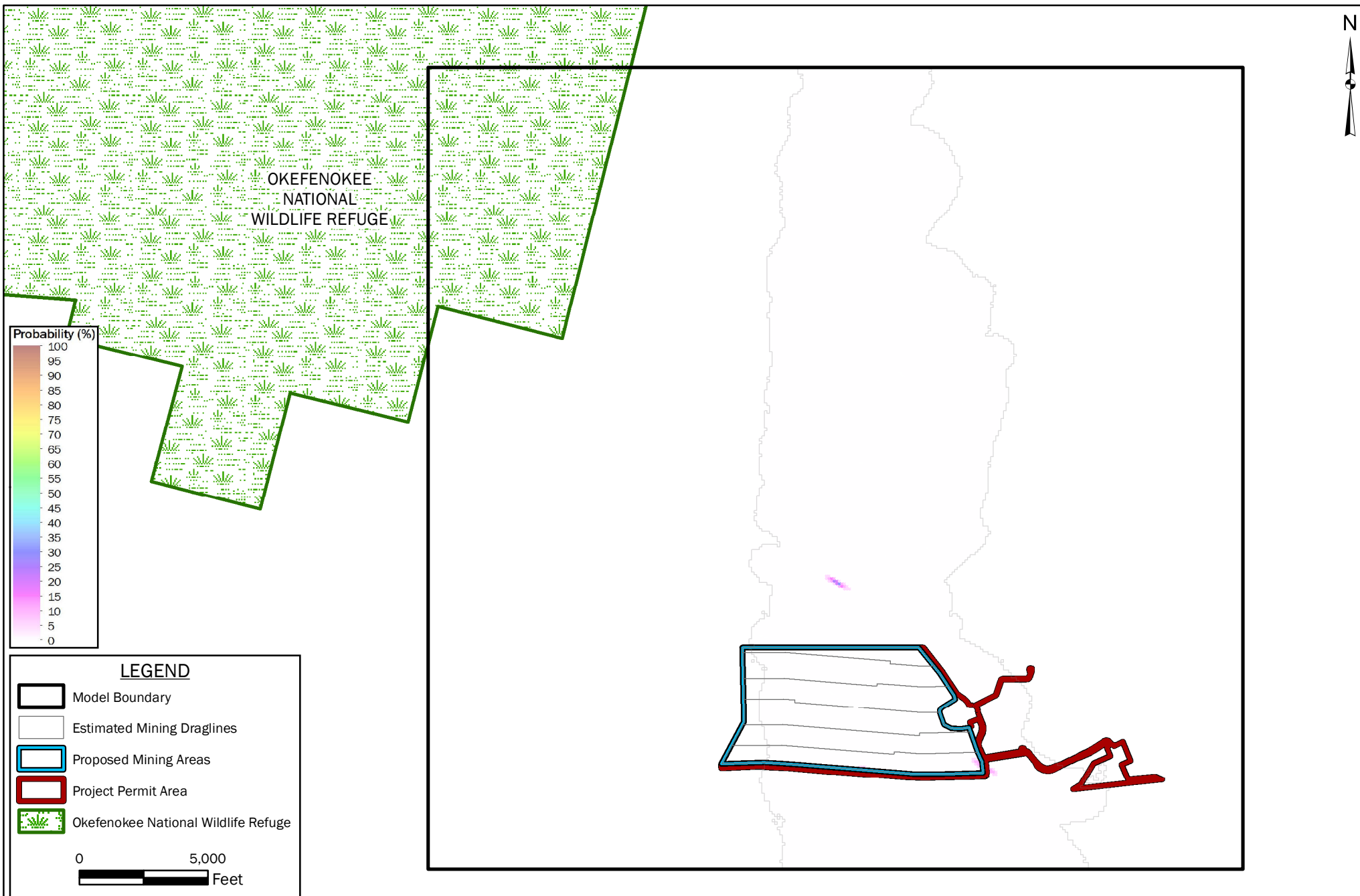
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CHECKED BY: RMH
DRAWING DATE: 2/28/2020
REVISION DATE: N/A
TTL JOB NO.: 000180200804.00
APPROX. SCALE: 1 in = 5,000 ft



**FIGURE 44: PROBABILITY (%) OF UNCONSOLIDATED BLACK SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 159' (EXPECTED VALUE = 1.34%)**

TWIN PINES MINERALS
ST. GEORGE, CHARLTON COUNTY, GEORGIA

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DRAWING DATE: 2/28/2020
REVISION DATE: N/A
TTL JOB NO.: 000180200804.00
APPROX. SCALE: 1 in = 5,000 ft



**FIGURE 45: PROBABILITY (%) OF UNCONSOLIDATED BLACK SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 149' (EXPECTED VALUE = 1.34%)**

TWIN PINES MINERALS
ST. GEORGE, CHARLTON COUNTY, GEORGIA



DRAWN BY: DEK
CHECKED BY: RMH
DRAWING DATE: 2/28/2020
REVISION DATE: N/A
TTL JOB NO.: 000180200804.00
APPROX. SCALE: 1 in = 5,000 ft

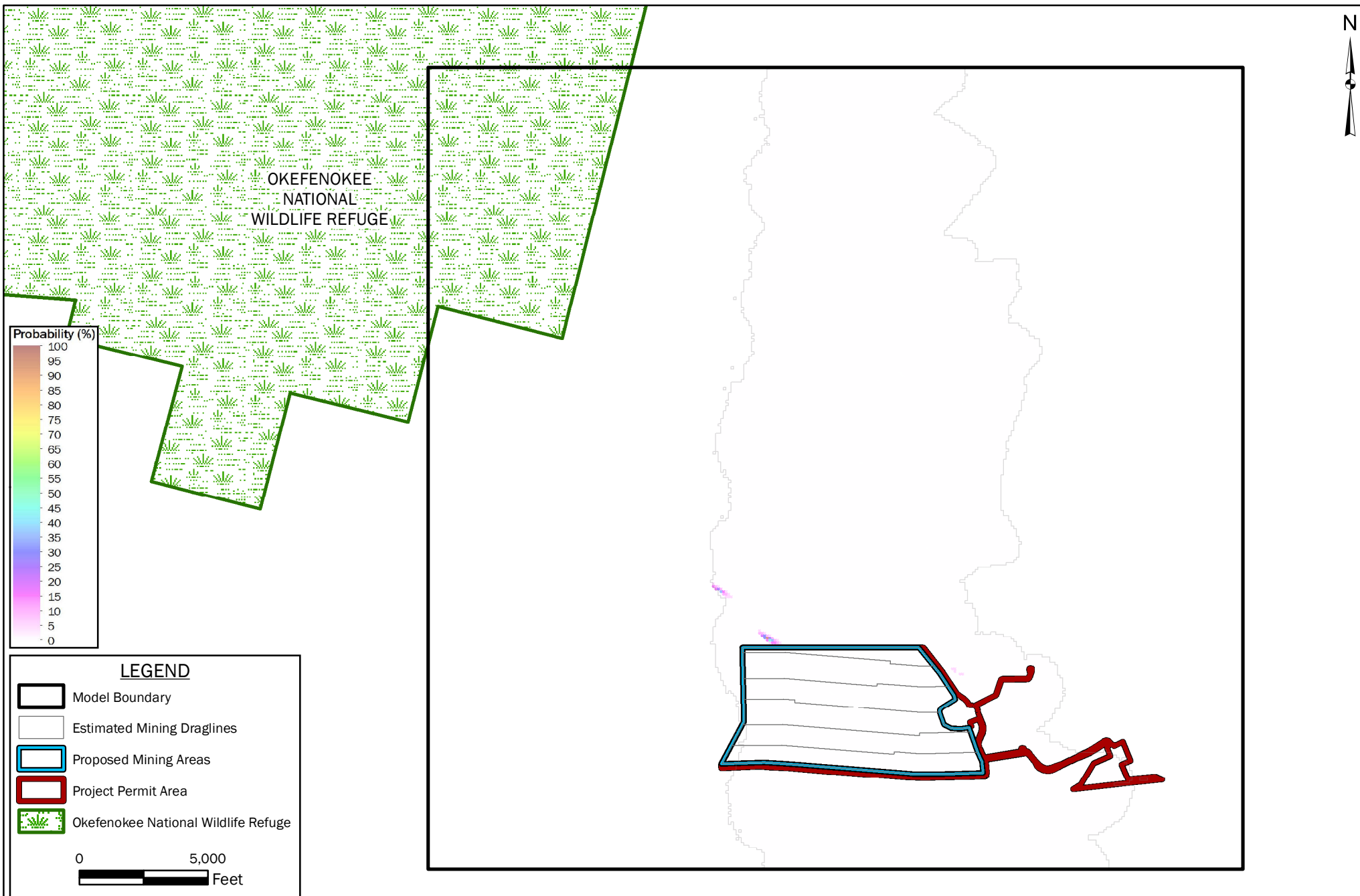
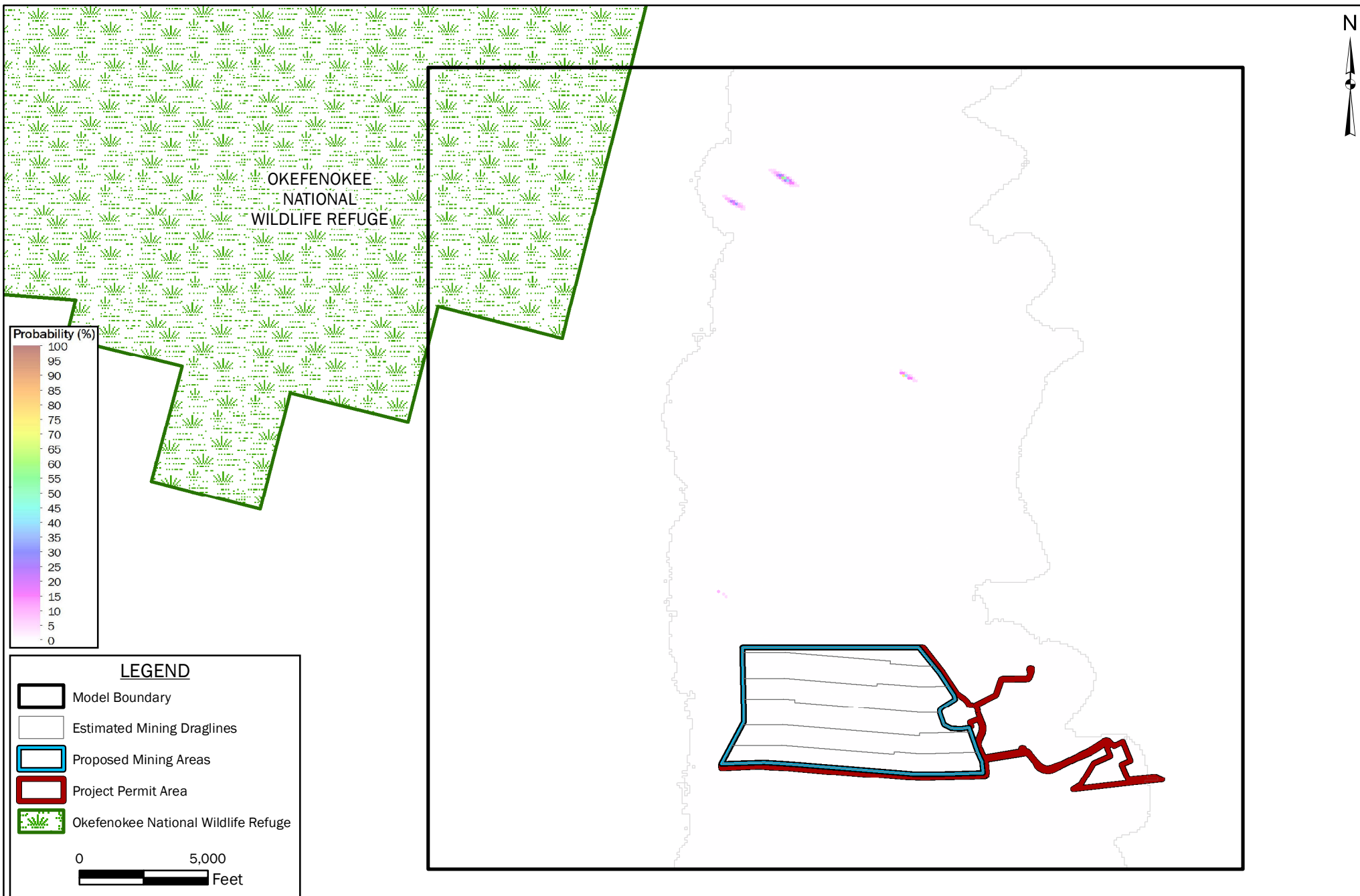


FIGURE 46: PROBABILITY (%) OF UNCONSOLIDATED BLACK SANDS SOIL PRESENCE
 BOTTOM OF 10 FOOT LAYER = 139' (EXPECTED VALUE = 1.34%)

TWIN PINES MINERALS
 ST. GEORGE, CHARLTON COUNTY, GEORGIA



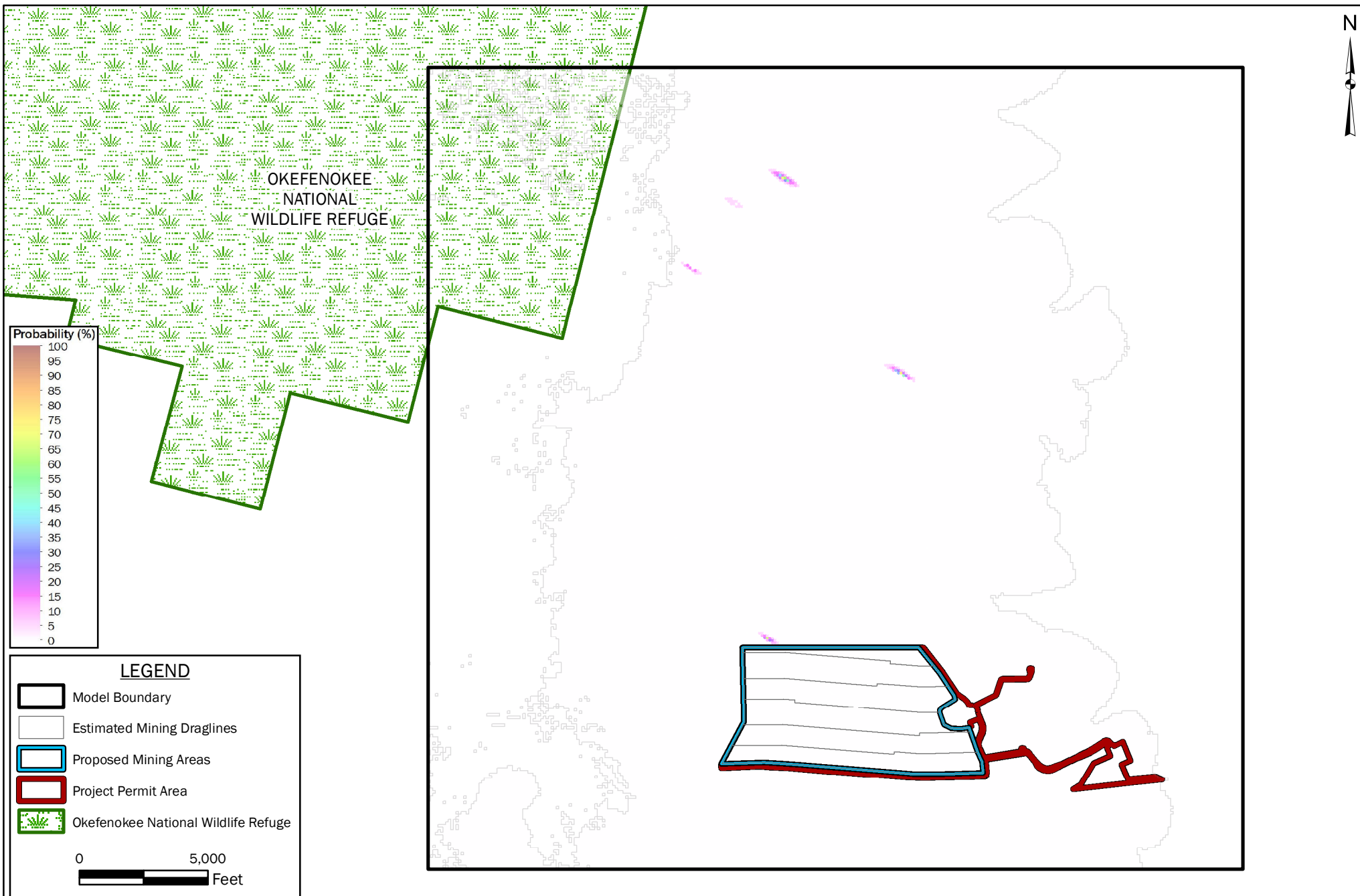
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CHECKED BY: RMH
DRAWING DATE: 2/28/2020
REVISION DATE: N/A
TTL JOB NO.: 000180200804.00
APPROX. SCALE: 1 in = 5,000 ft



**FIGURE 47: PROBABILITY (%) OF UNCONSOLIDATED BLACK SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 129' (EXPECTED VALUE = 1.34%)**

TWIN PINES MINERALS
ST. GEORGE, CHARLTON COUNTY, GEORGIA

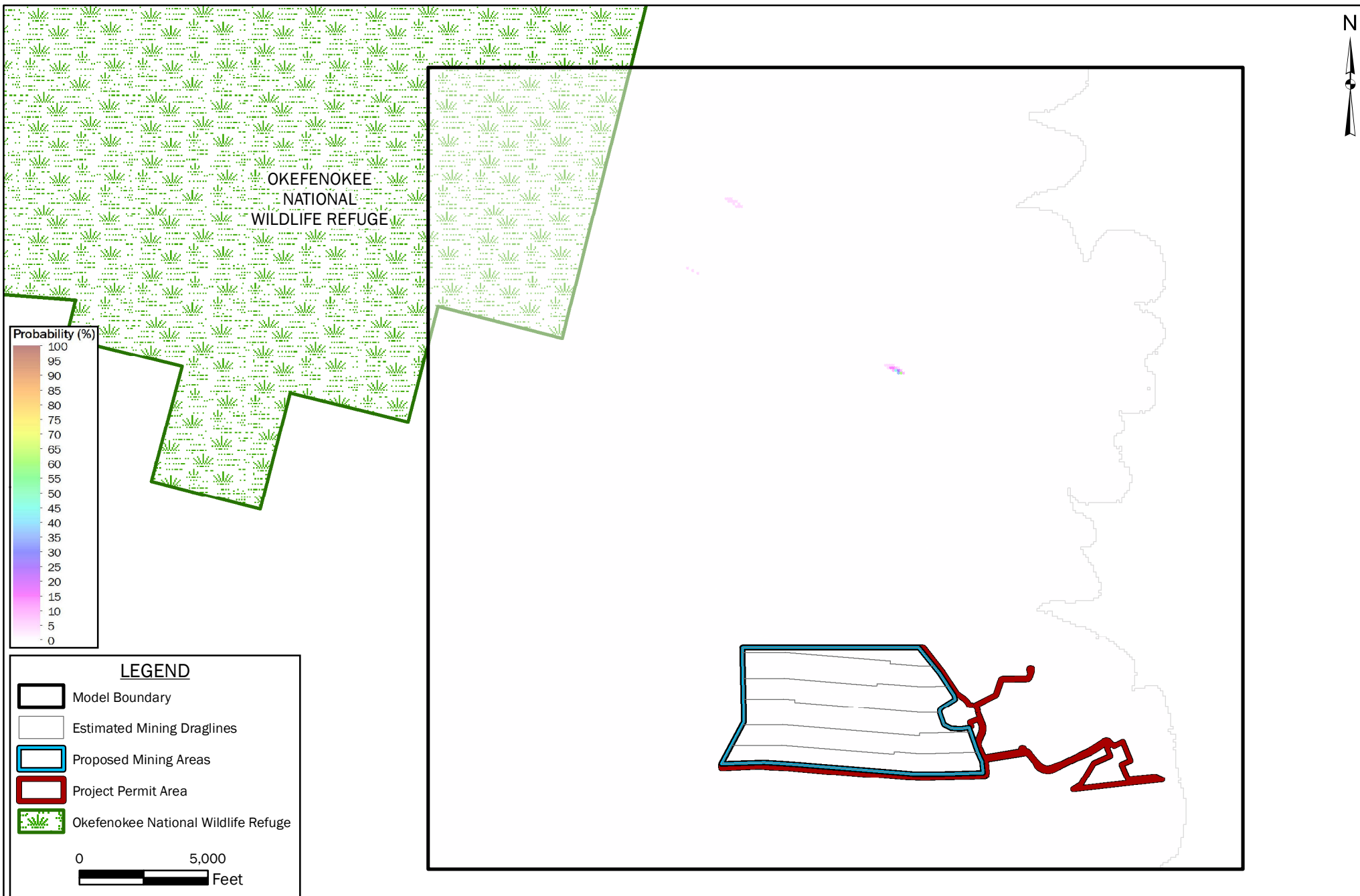
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CHECKED BY: RMH
DRAWING DATE: 2/28/2020
REVISION DATE: N/A
TTL JOB NO.: 000180200804.00
APPROX. SCALE: 1 in = 5,000 ft



**FIGURE 48: PROBABILITY (%) OF UNCONSOLIDATED BLACK SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 119' (EXPECTED VALUE = 1.34%)**

TWIN PINES MINERALS
ST. GEORGE, CHARLTON COUNTY, GEORGIA

DRAWN BY: DEK
CHECKED BY: RMH
DRAWING DATE: 2/28/2020
REVISION DATE: N/A
TTL JOB NO.: 000180200804.00
APPROX. SCALE: 1 in = 5,000 ft

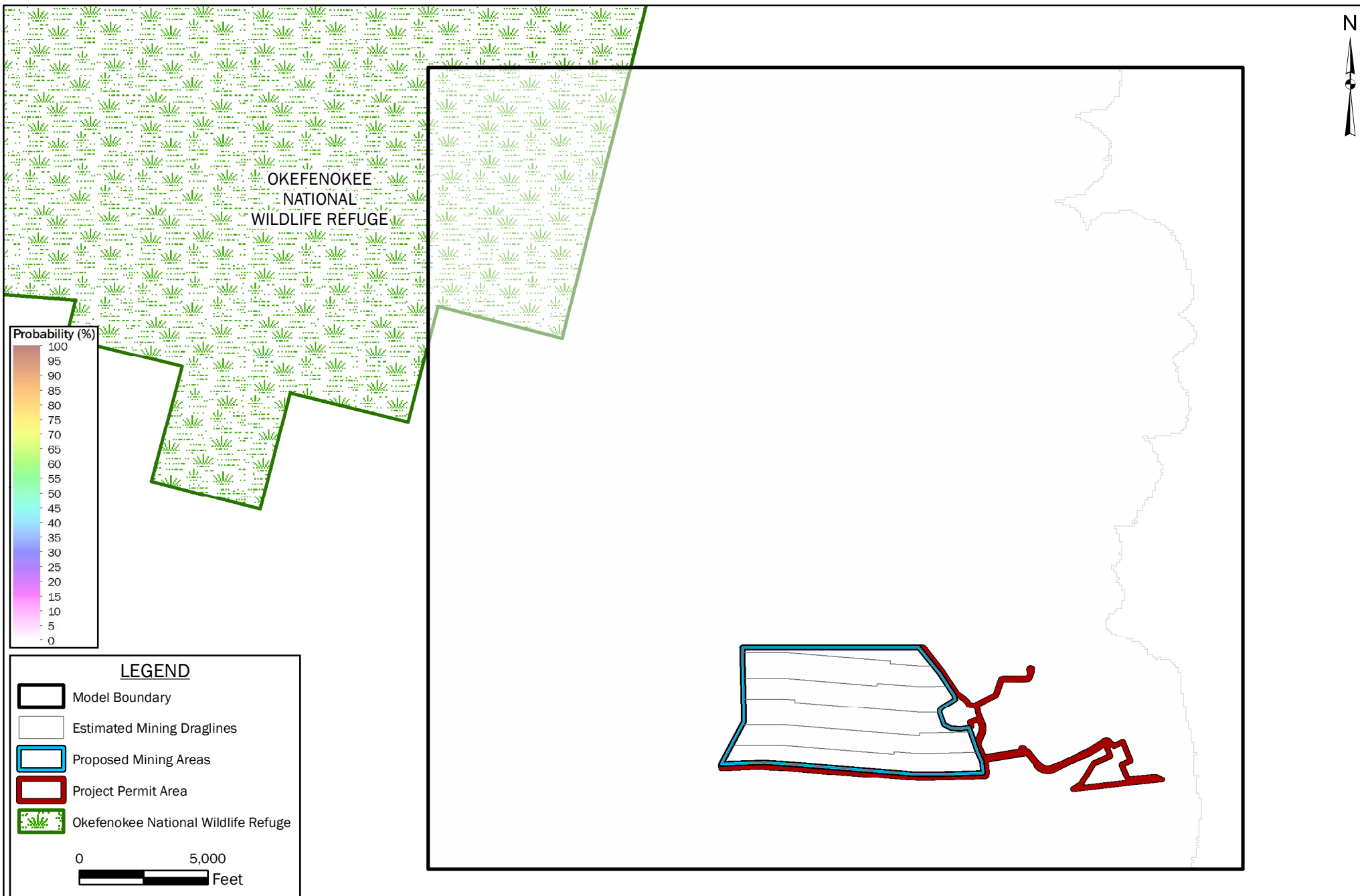


**FIGURE 49: PROBABILITY (%) OF UNCONSOLIDATED BLACK SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 109' (EXPECTED VALUE = 1.34%)**

TWIN PINES MINERALS
ST. GEORGE, CHARLTON COUNTY, GEORGIA



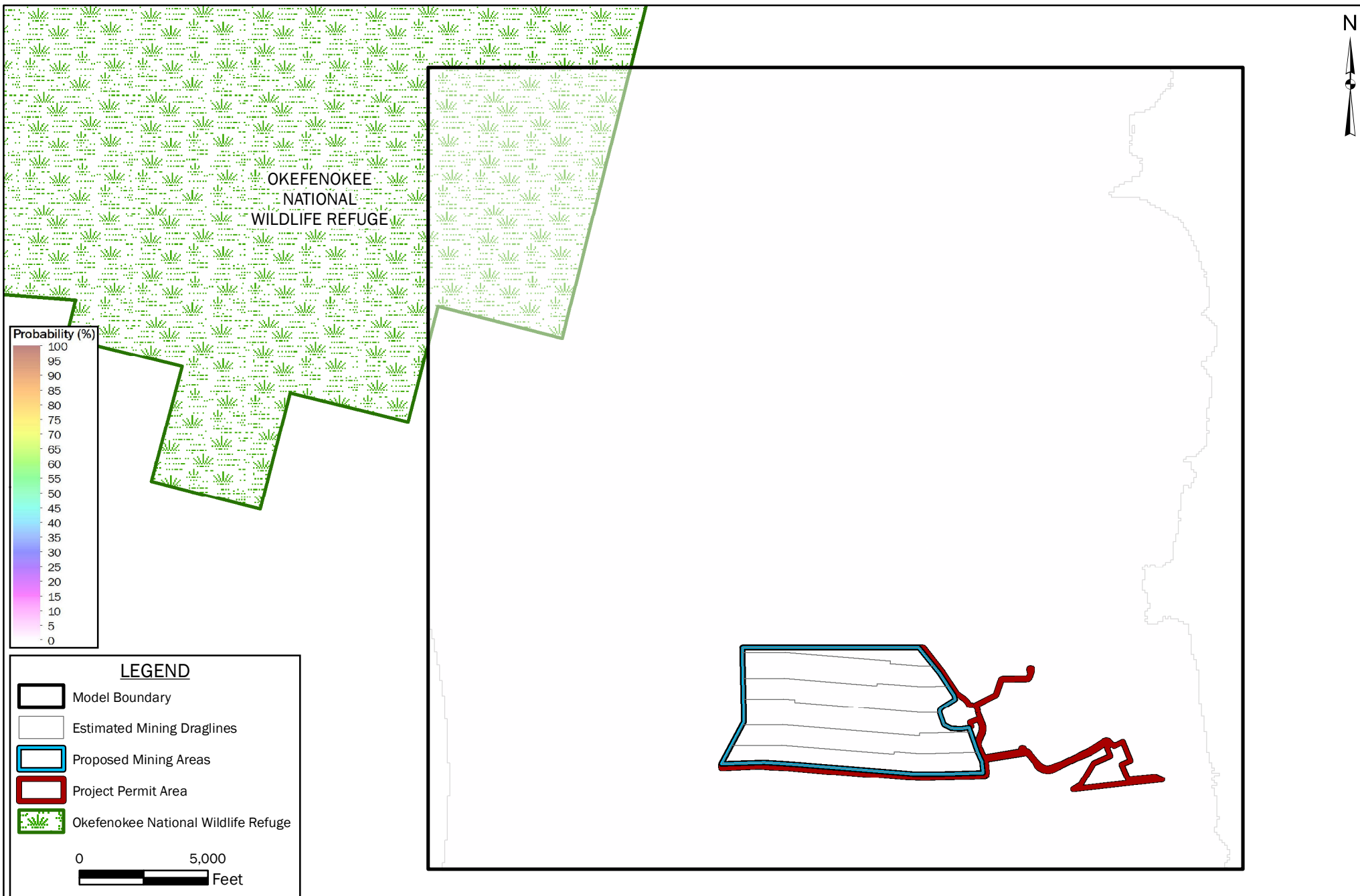
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CHECKED BY: RMH
DRAWING DATE: 2/28/2020
REVISION DATE: N/A
TTL JOB NO.: 000180200804.00
APPROX. SCALE: 1 in = 5,000 ft



**FIGURE 50: PROBABILITY (%) OF UNCONSOLIDATED BLACK SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 99' (EXPECTED VALUE = 1.34%)**

TWIN PINES MINERALS
ST. GEORGE, CHARLTON COUNTY, GEORGIA

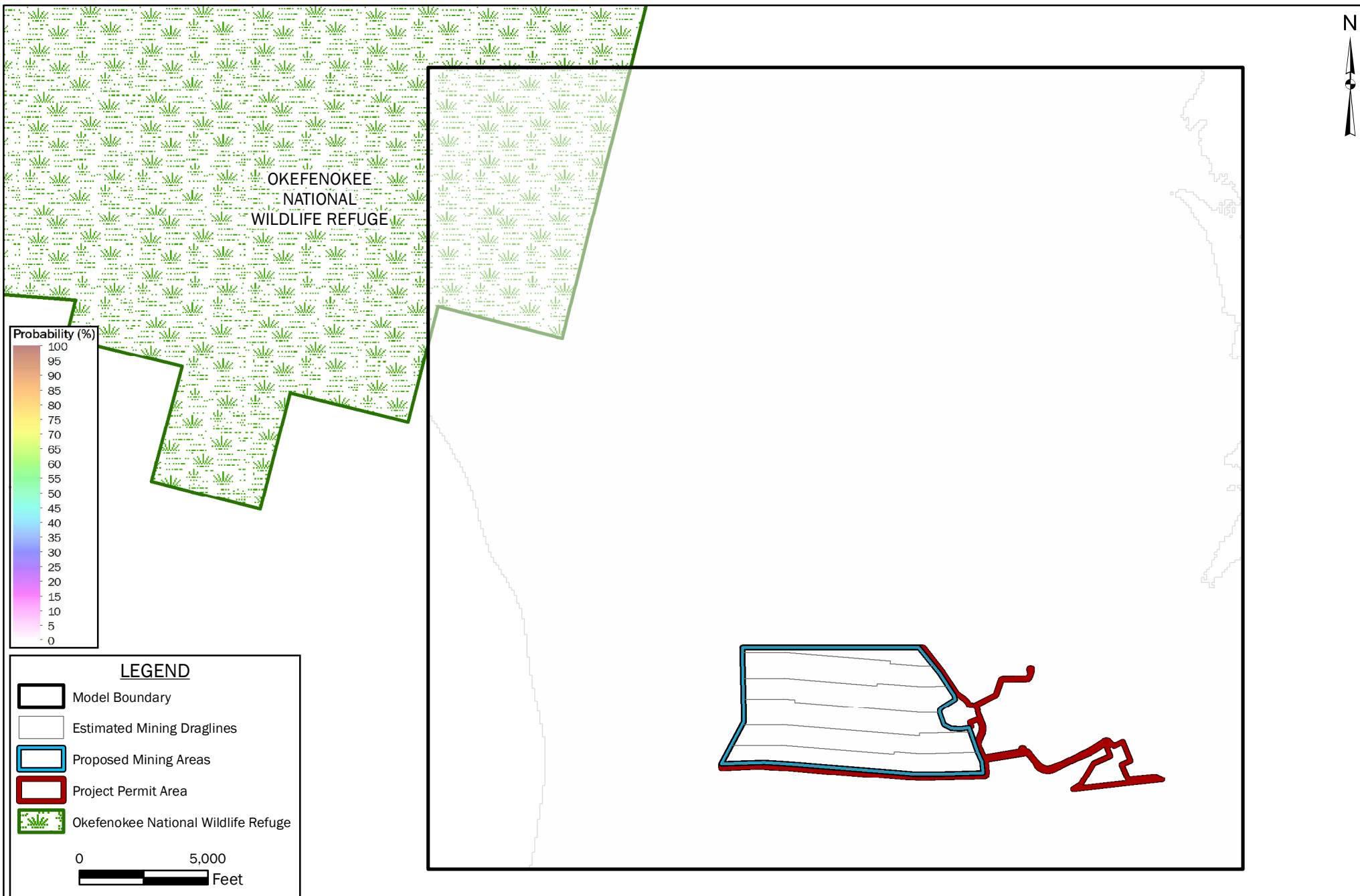
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CHECKED BY: RMH
DRAWING DATE: 2/28/2020
REVISION DATE: N/A
TTL JOB NO.: 000180200804.00
APPROX. SCALE: 1 in = 5,000 ft



**FIGURE 51: PROBABILITY (%) OF UNCONSOLIDATED BLACK SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 89' (EXPECTED VALUE = 1.34%)**

TWIN PINES MINERALS
ST. GEORGE, CHARLTON COUNTY, GEORGIA

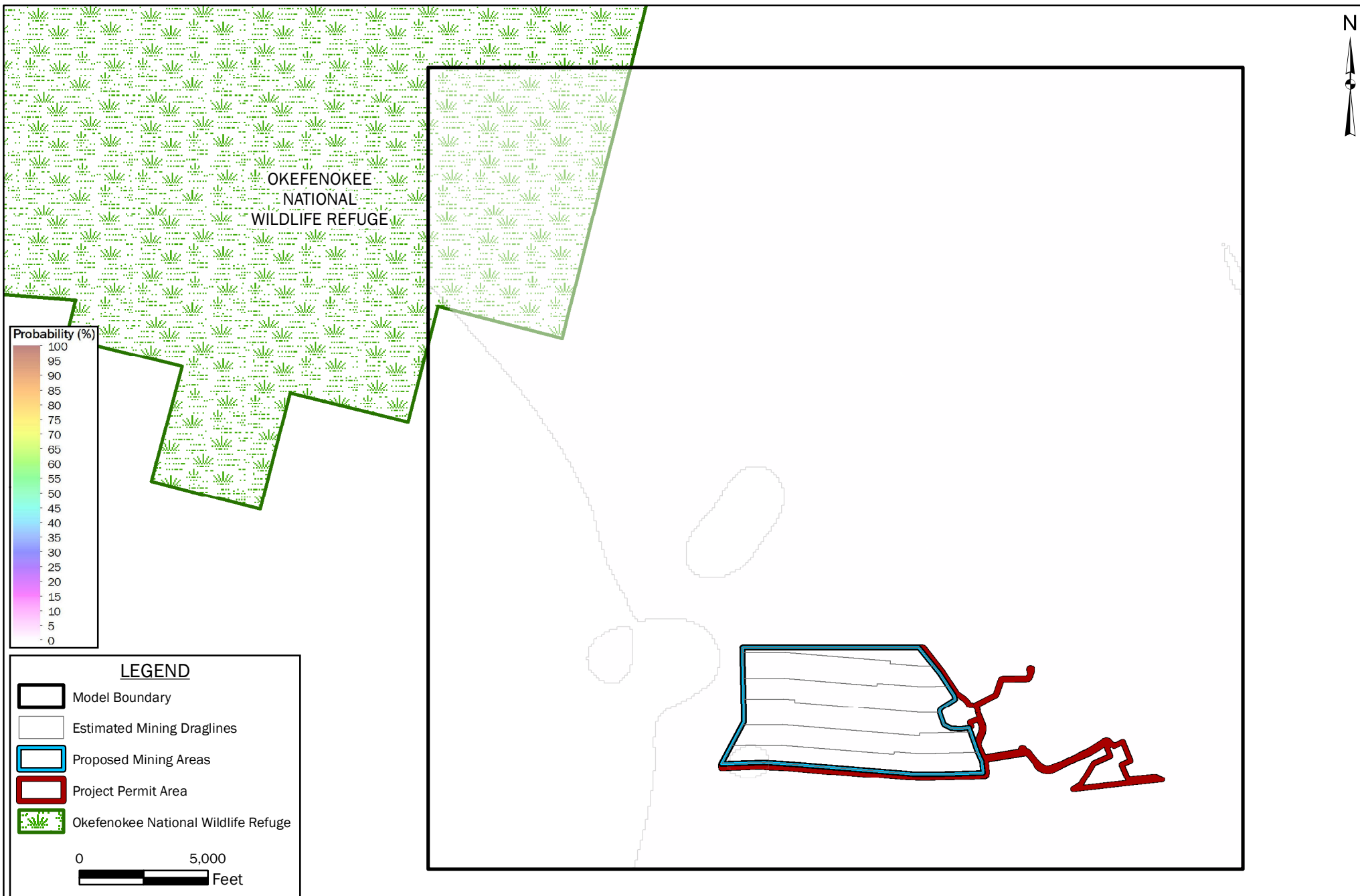
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CHECKED BY: RMH
DRAWING DATE: 2/28/2020
REVISION DATE: N/A
TTL JOB NO.: 000180200804.00
APPROX. SCALE: 1 in = 5,000 ft



**FIGURE 52: PROBABILITY (%) OF UNCONSOLIDATED BLACK SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 79' (EXPECTED VALUE = 1.34%)**

TWIN PINES MINERALS
ST. GEORGE, CHARLTON COUNTY, GEORGIA

DRAWN BY: DEK
CHECKED BY: RMH
DRAWING DATE: 2/28/2020
REVISION DATE: N/A
TTL JOB NO.: 000180200804.00
APPROX. SCALE: 1 in = 5,000 ft



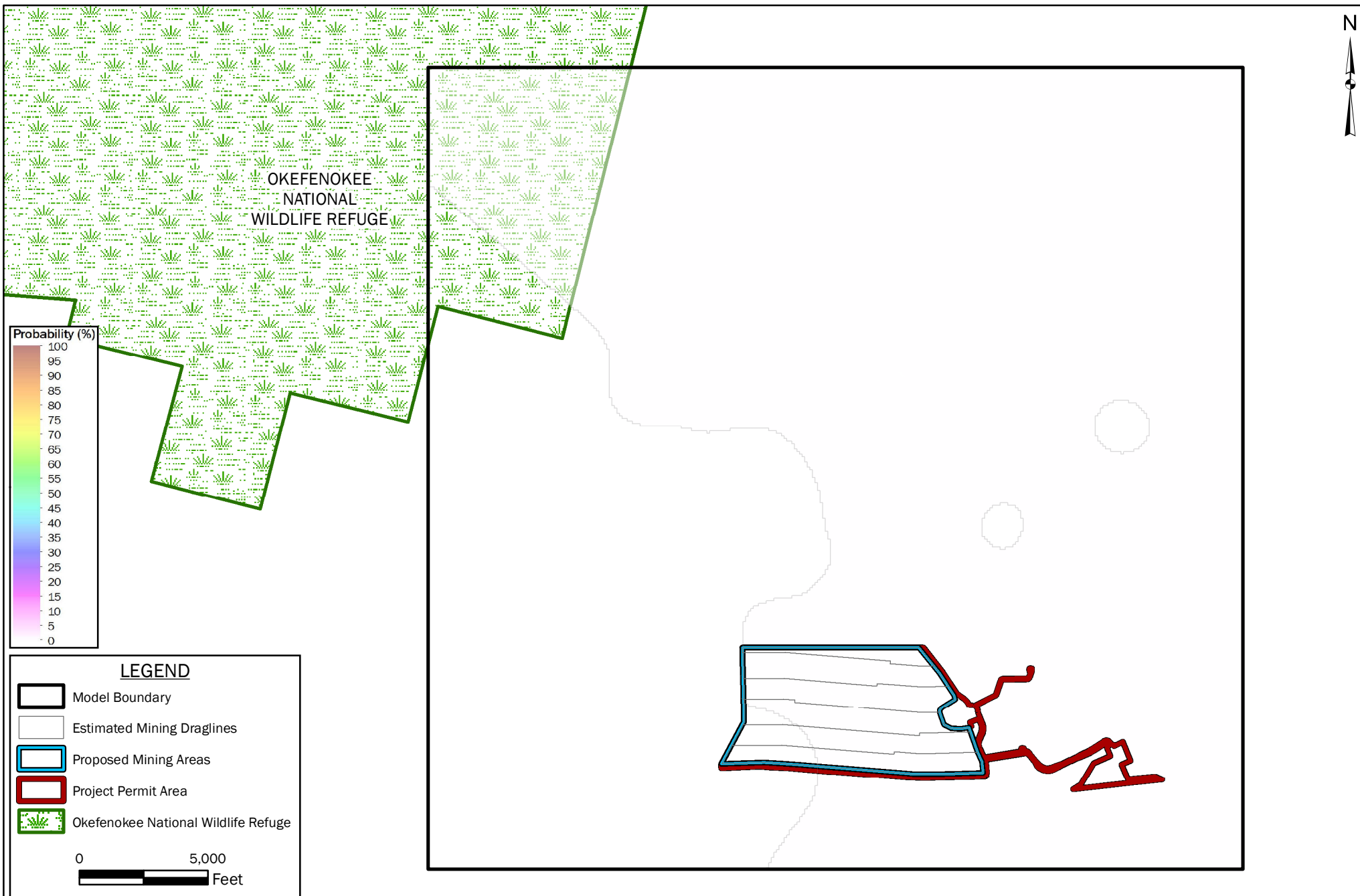
**FIGURE 53: PROBABILITY (%) OF UNCONSOLIDATED BLACK SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 69' (EXPECTED VALUE = 1.34%)**

TWIN PINES MINERALS

ST. GEORGE, CHARLTON COUNTY, GEORGIA



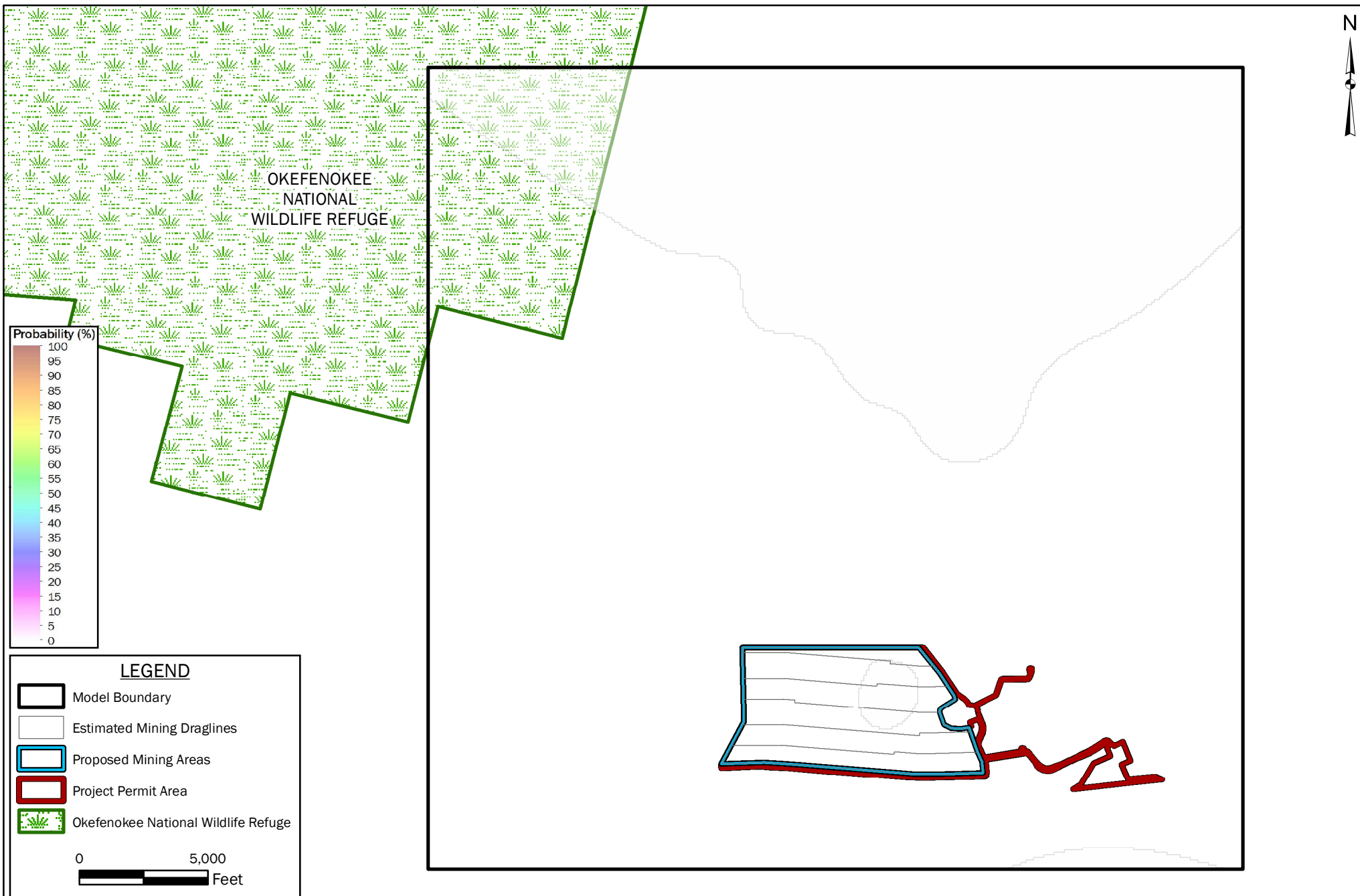
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CHECKED BY: RMH
DRAWING DATE: 2/28/2020
REVISION DATE: N/A
TTL JOB NO.: 000180200804.00
APPROX. SCALE: 1 in = 5,000 ft



**FIGURE 54: PROBABILITY (%) OF UNCONSOLIDATED BLACK SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 59' (EXPECTED VALUE = 1.34%)**

TWIN PINES MINERALS
ST. GEORGE, CHARLTON COUNTY, GEORGIA

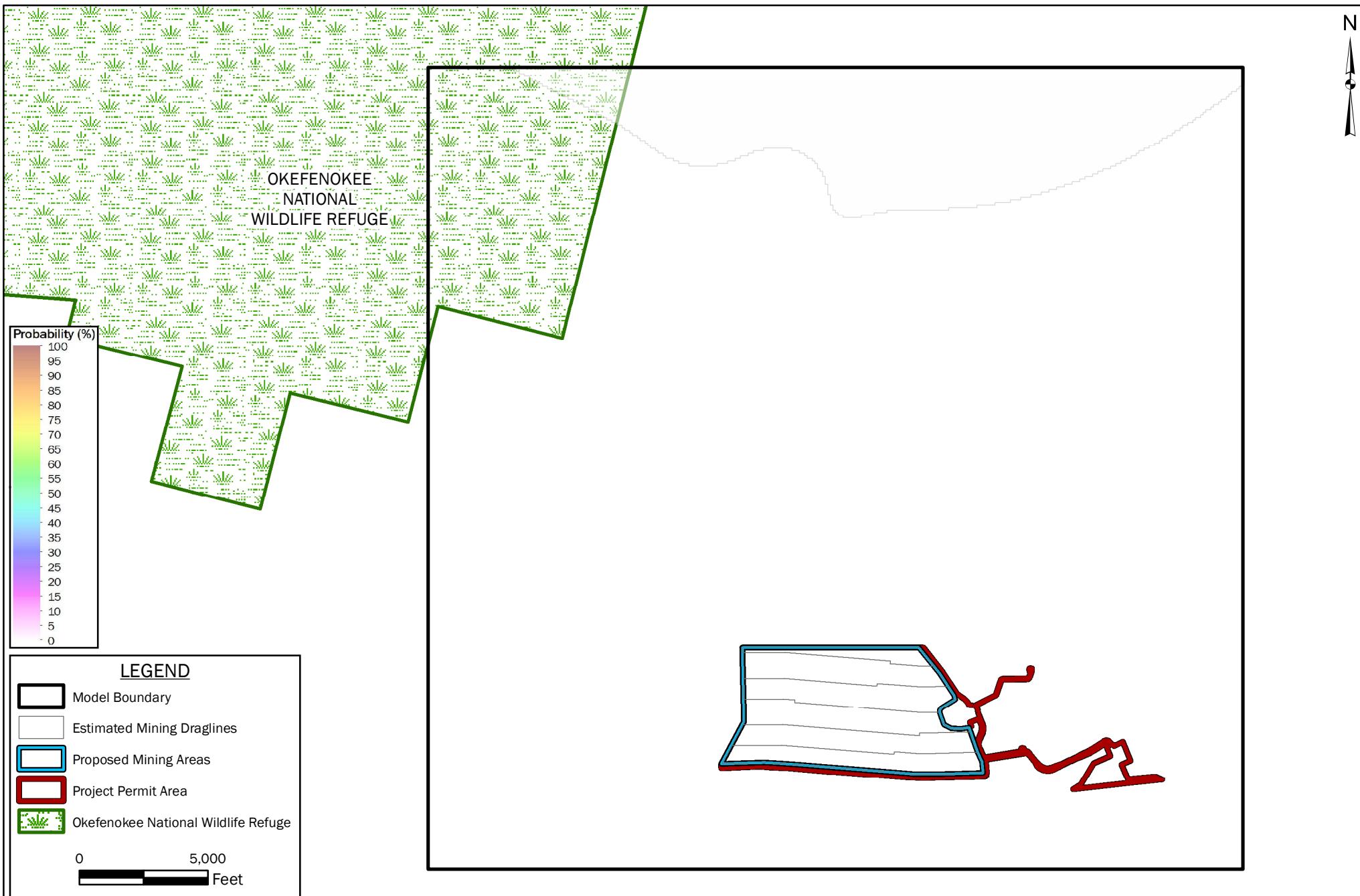
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CHECKED BY: RMH
DRAWING DATE: 2/28/2020
REVISION DATE: N/A
TTL JOB NO.: 000180200804.00
APPROX. SCALE: 1 in = 5,000 ft



**FIGURE 55: PROBABILITY (%) OF UNCONSOLIDATED BLACK SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 49' (EXPECTED VALUE = 1.34%)**

TWIN PINES MINERALS
ST. GEORGE, CHARLTON COUNTY, GEORGIA

DRAWN BY: DEK
CHECKED BY: RMH
DRAWING DATE: 2/28/2020
REVISION DATE: N/A
TTL JOB NO.: 000180200804.00
APPROX. SCALE: 1 in = 5,000 ft



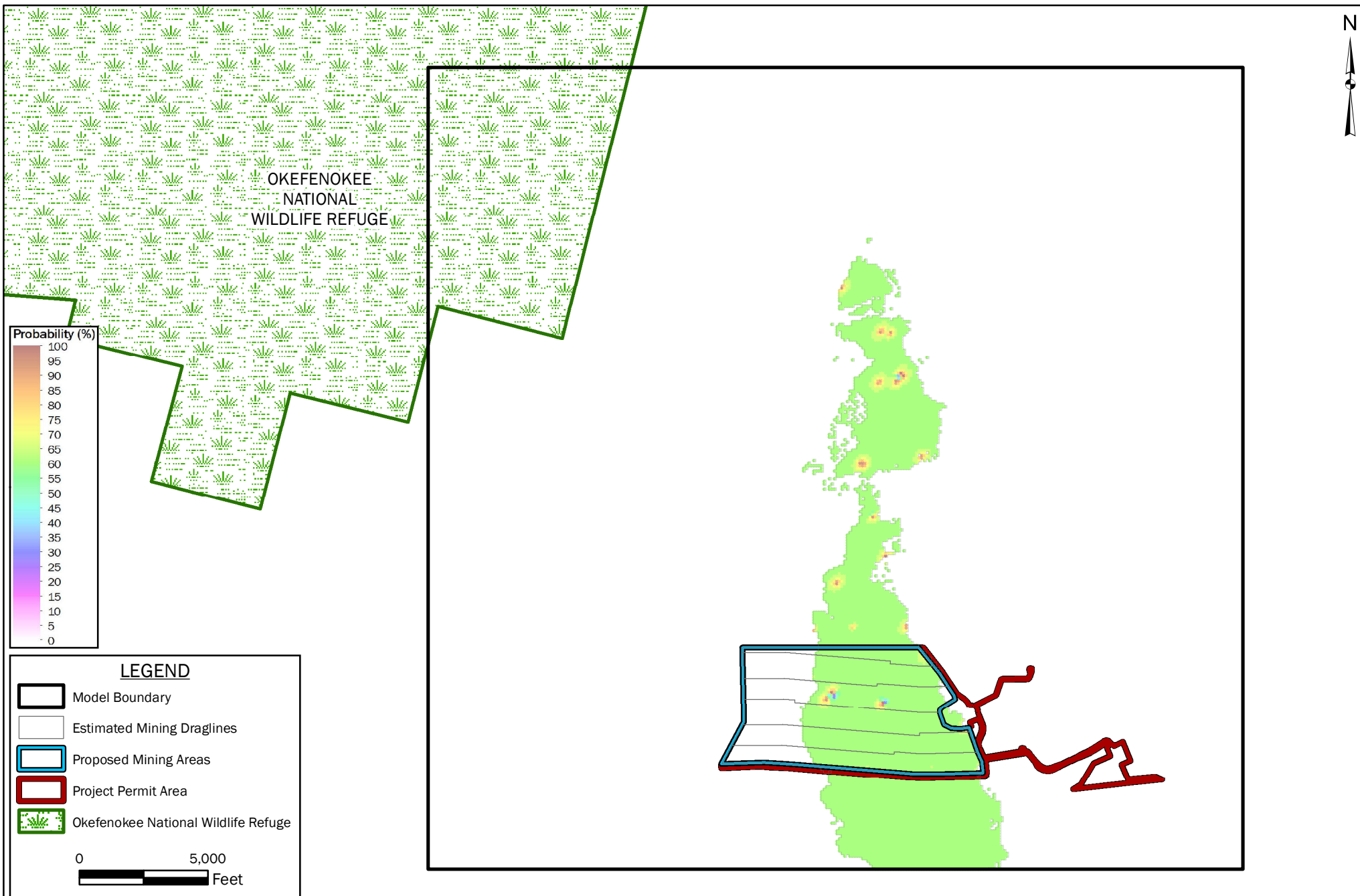
**FIGURE 56: PROBABILITY (%) OF UNCONSOLIDATED BLACK SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 39' (EXPECTED VALUE = 1.34%)**

TWIN PINES MINERALS

ST. GEORGE, CHARLTON COUNTY, GEORGIA



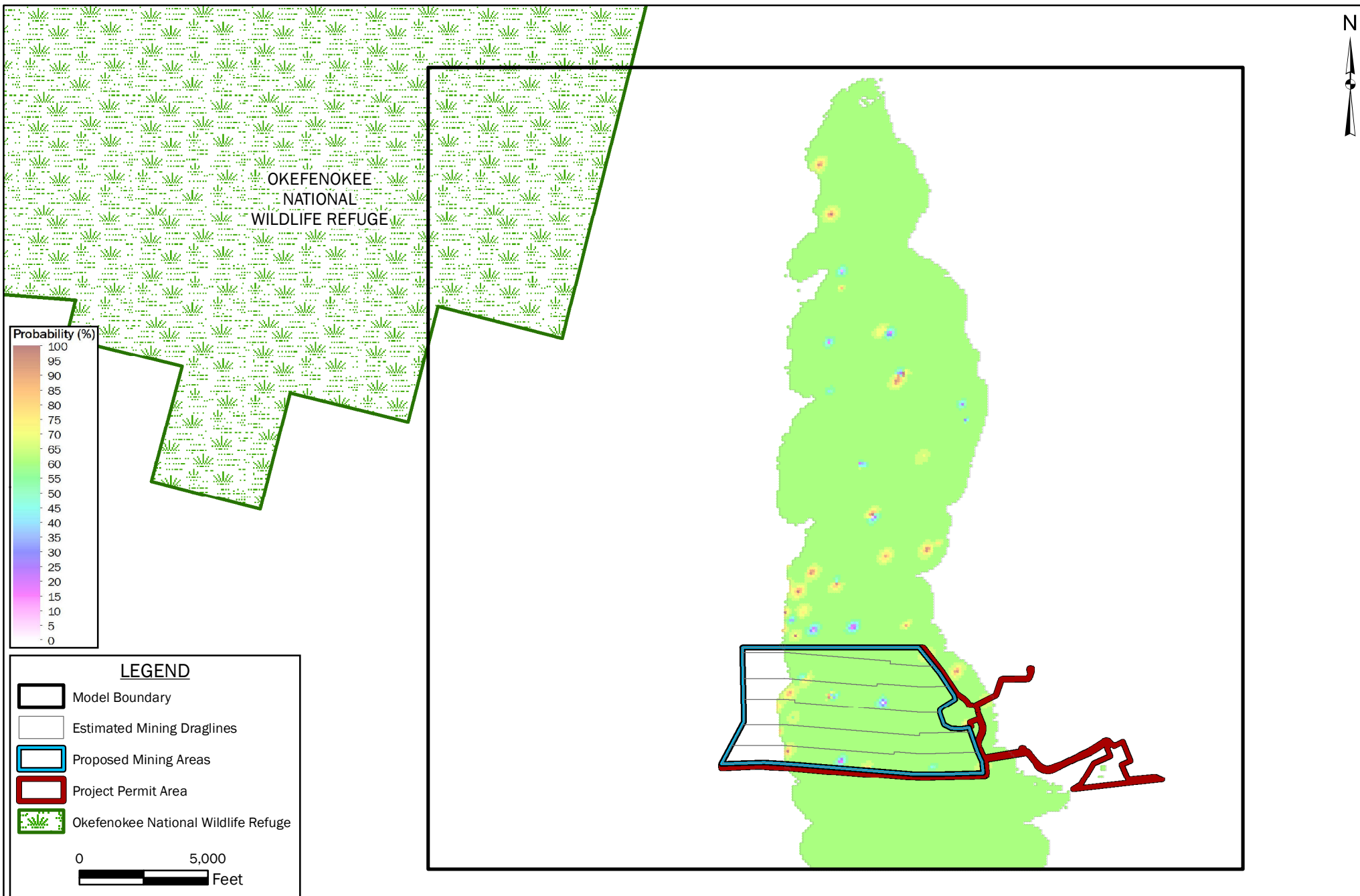
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CHECKED BY: RMH
DRAWING DATE: 2/28/2020
REVISION DATE: N/A
TTL JOB NO.: 000180200804.00
APPROX. SCALE: 1 in = 5,000 ft



**FIGURE 57: PROBABILITY (%) OF UNCONSOLIDATED SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 169' (EXPECTED VALUE = 58.33%)**

TWIN PINES MINERALS
ST. GEORGE, CHARLTON COUNTY, GEORGIA

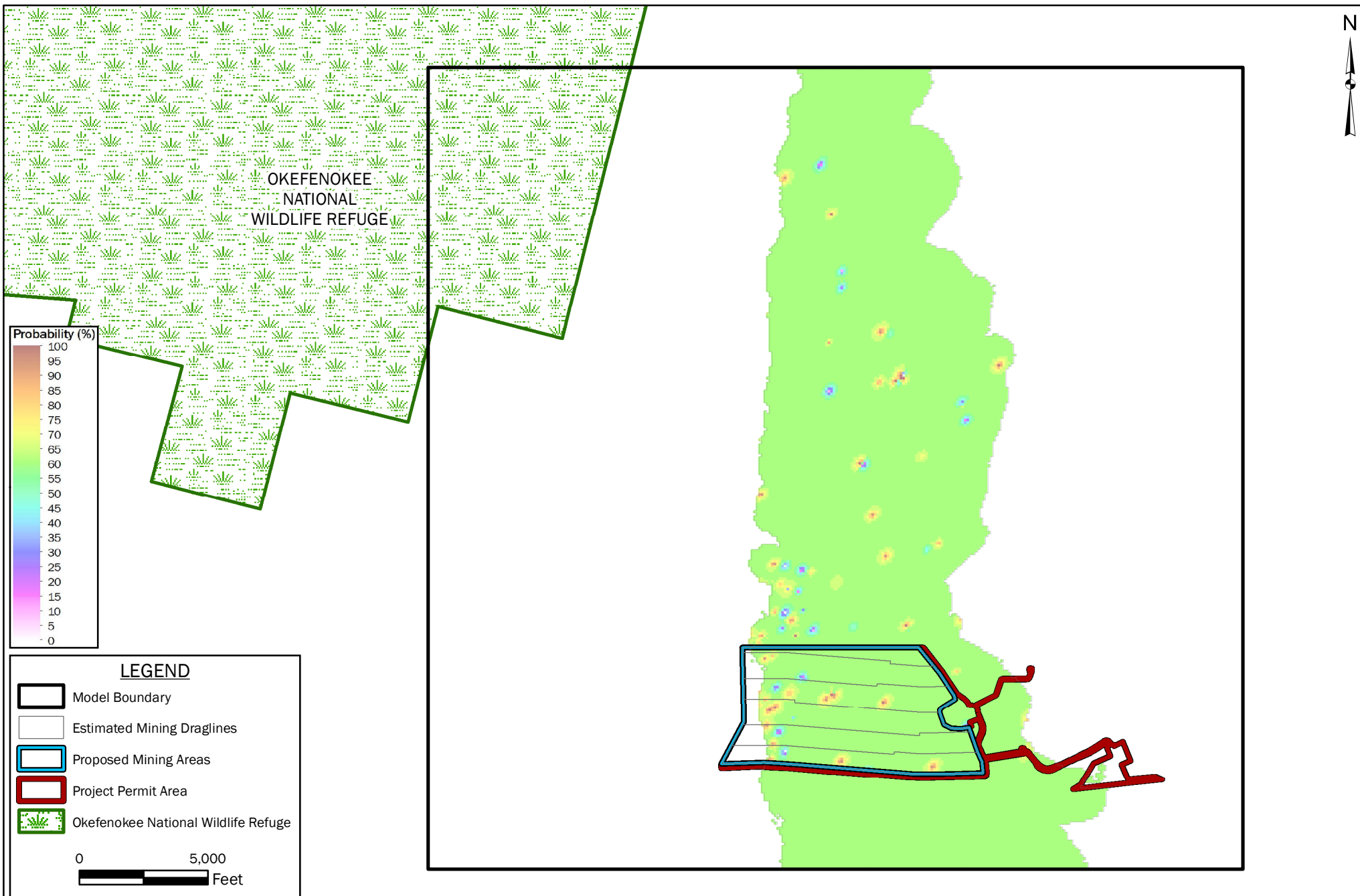
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CHECKED BY: RMH
DRAWING DATE: 2/28/2020
REVISION DATE: N/A
TTL JOB NO.: 000180200804.00
APPROX. SCALE: 1 in = 5,000 ft



**FIGURE 58: PROBABILITY (%) OF UNCONSOLIDATED SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 159' (EXPECTED VALUE = 58.33%)**

TWIN PINES MINERALS
ST. GEORGE, CHARLTON COUNTY, GEORGIA

DRAWN BY: DEK
CHECKED BY: RMH
DRAWING DATE: 2/28/2020
REVISION DATE: N/A
TTL JOB NO.: 000180200804.00
APPROX. SCALE: 1 in = 5,000 ft



**FIGURE 59: PROBABILITY (%) OF UNCONSOLIDATED SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 149' (EXPECTED VALUE = 58.33%)**

TWIN PINES MINERALS
ST. GEORGE, CHARLTON COUNTY, GEORGIA

DRAWN BY: DEK
CHECKED BY: RMH
DRAWING DATE: 2/28/2020
REVISION DATE: N/A
TTL JOB NO.: 000180200804.00
APPROX. SCALE: 1 in = 5,000 ft

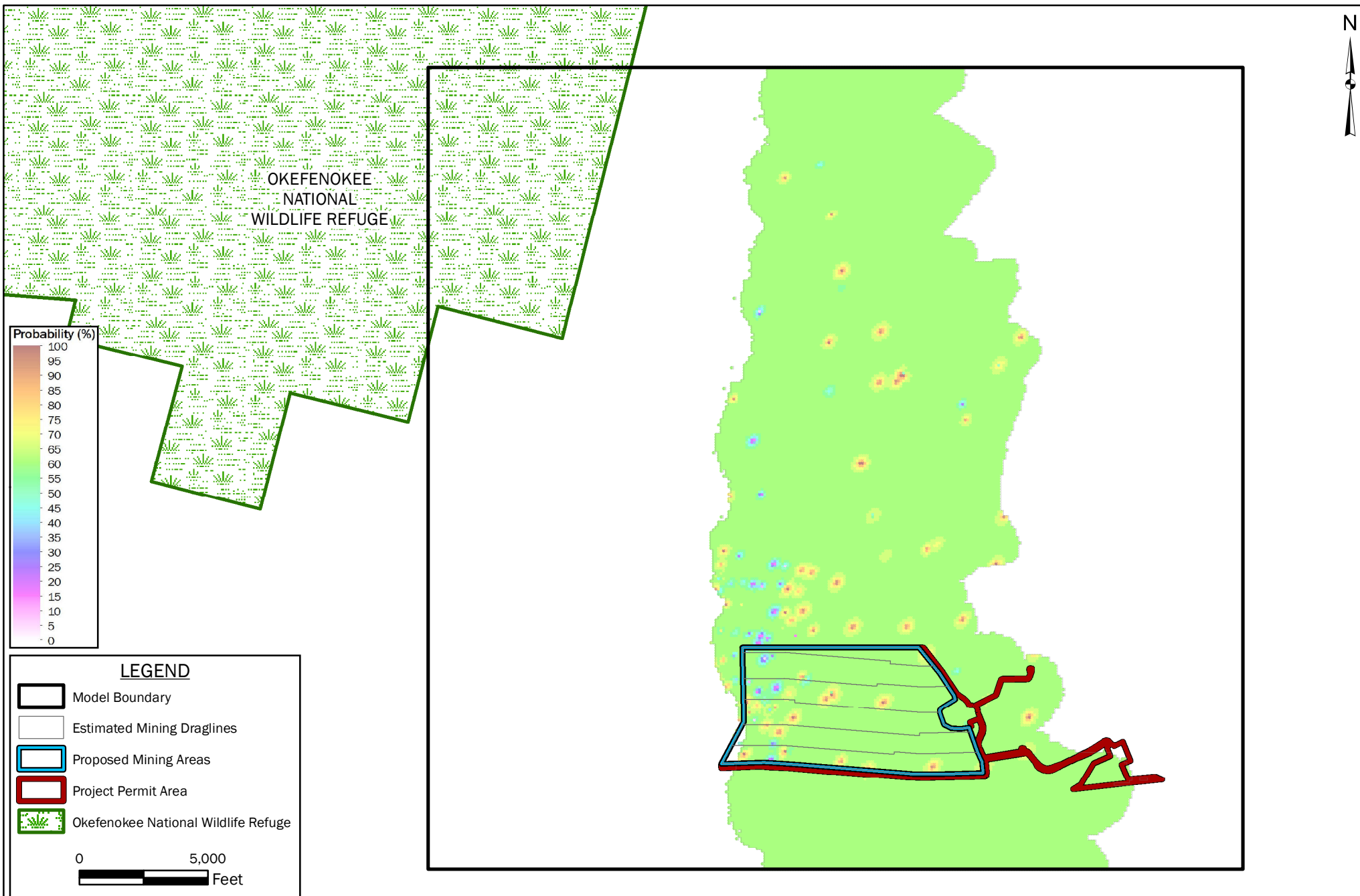
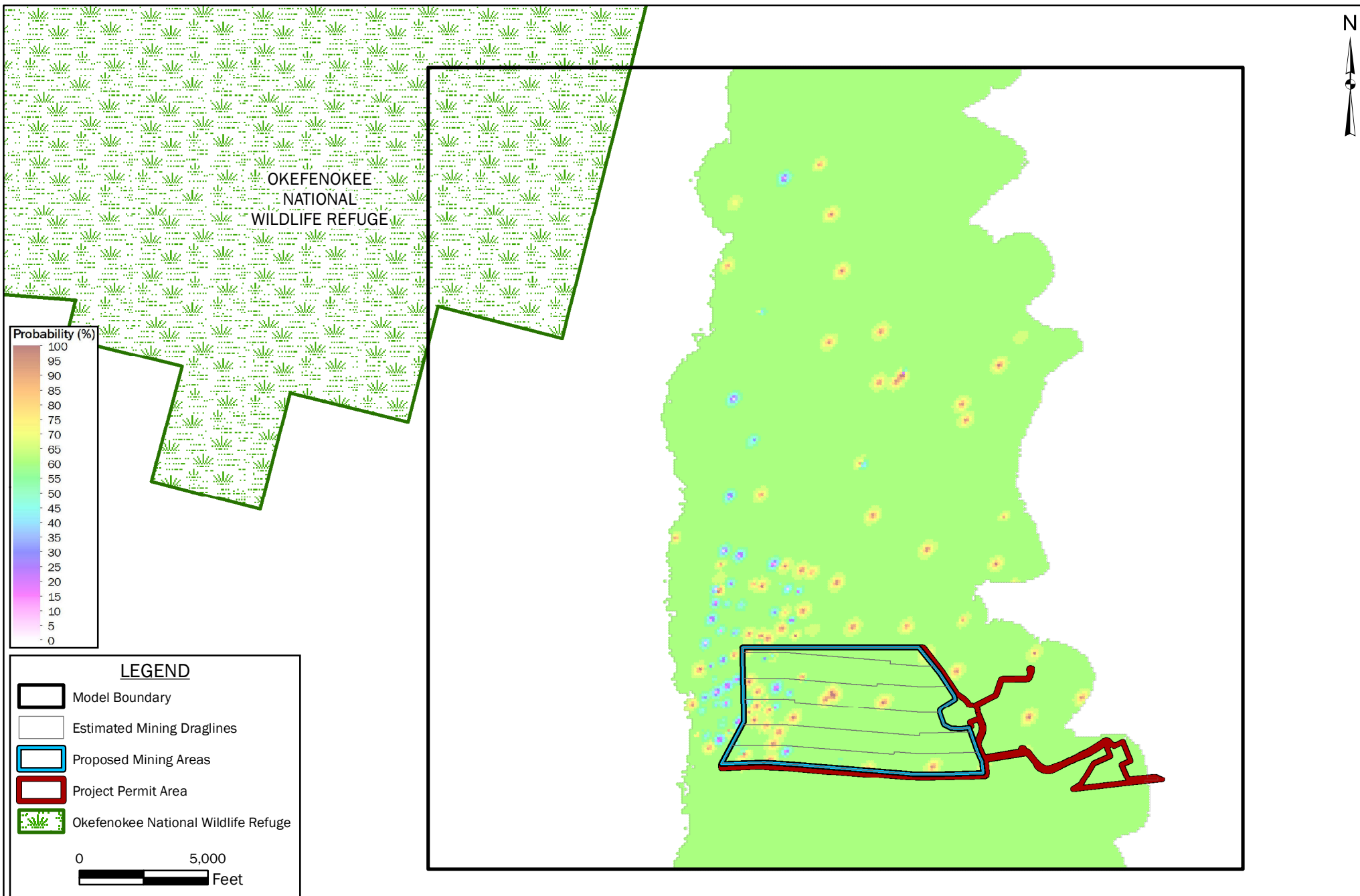


FIGURE 60: PROBABILITY (%) OF UNCONSOLIDATED SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 139' (EXPECTED VALUE = 58.33%)

TWIN PINES MINERALS
 ST GEORGE CHARLTON COUNTY GEORGIA



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REVISION DATE: N/A
TTL JOB NO.: 000180200804.00
APPROX. SCALE: 1 in = 5,000 ft



**FIGURE 61: PROBABILITY (%) OF UNCONSOLIDATED SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 129' (EXPECTED VALUE = 58.33%)**

TWIN PINES MINERALS
ST. GEORGE, CHARLTON COUNTY, GEORGIA

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CHECKED BY: RMH
DRAWING DATE: 2/28/2020
REVISION DATE: N/A
TTL JOB NO.: 000180200804.00
APPROX. SCALE: 1 in = 5,000 ft

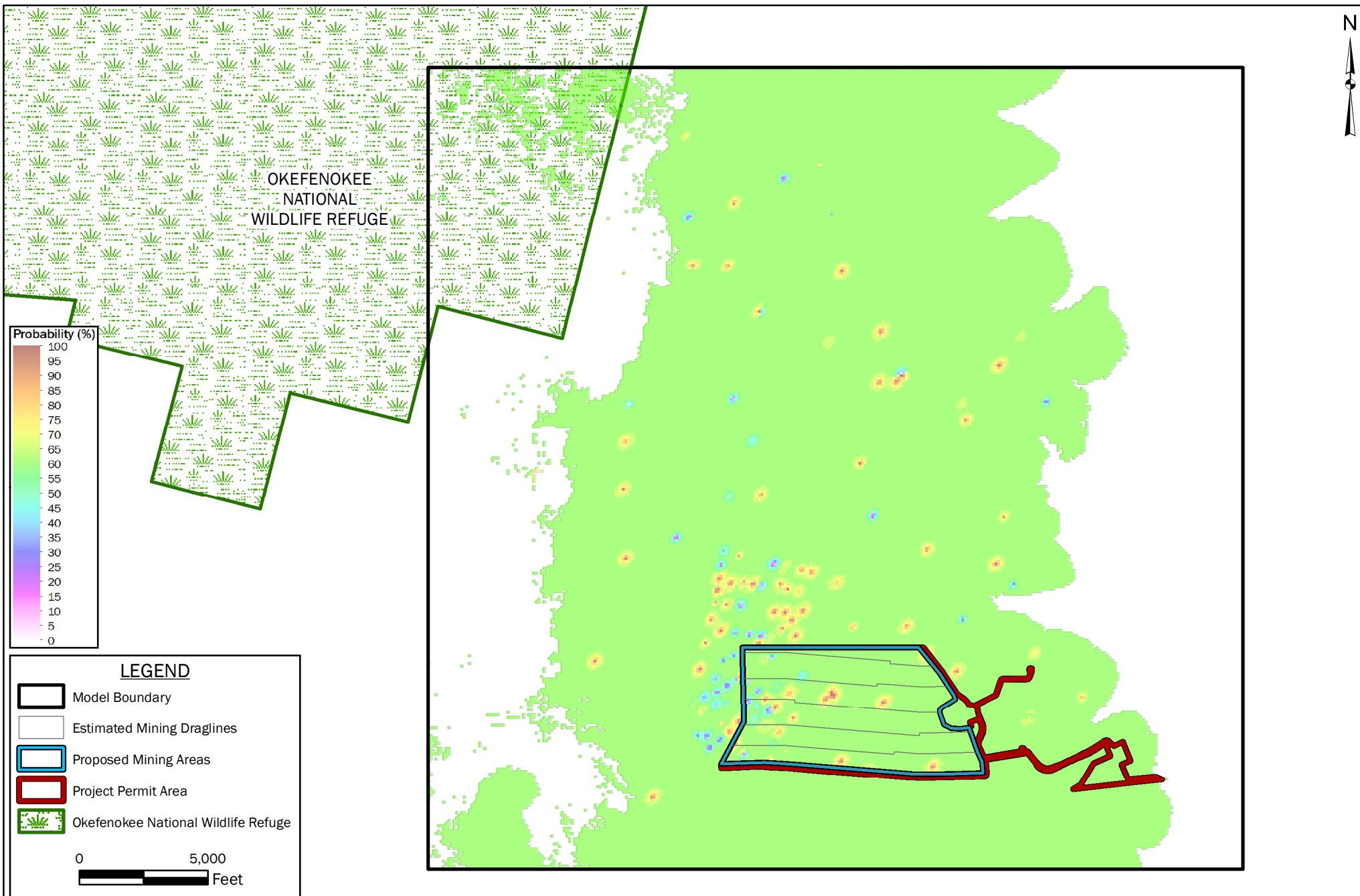
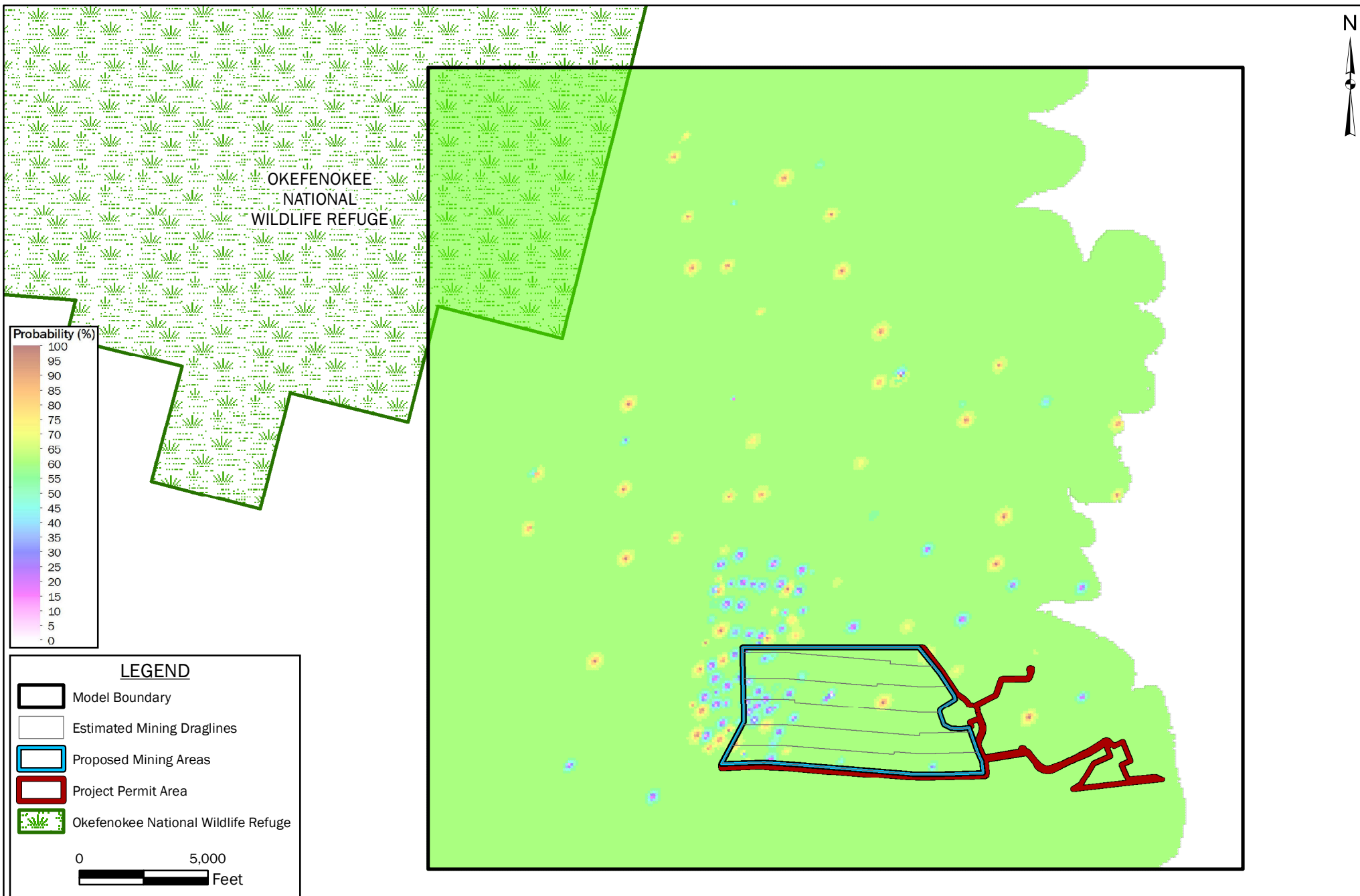


FIGURE 62: PROBABILITY (%) OF UNCONSOLIDATED SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 119' (EXPECTED VALUE = 58.33%)

TWIN PINES MINERALS
 ST. GEORGE, CHARLTON COUNTY, GEORGIA

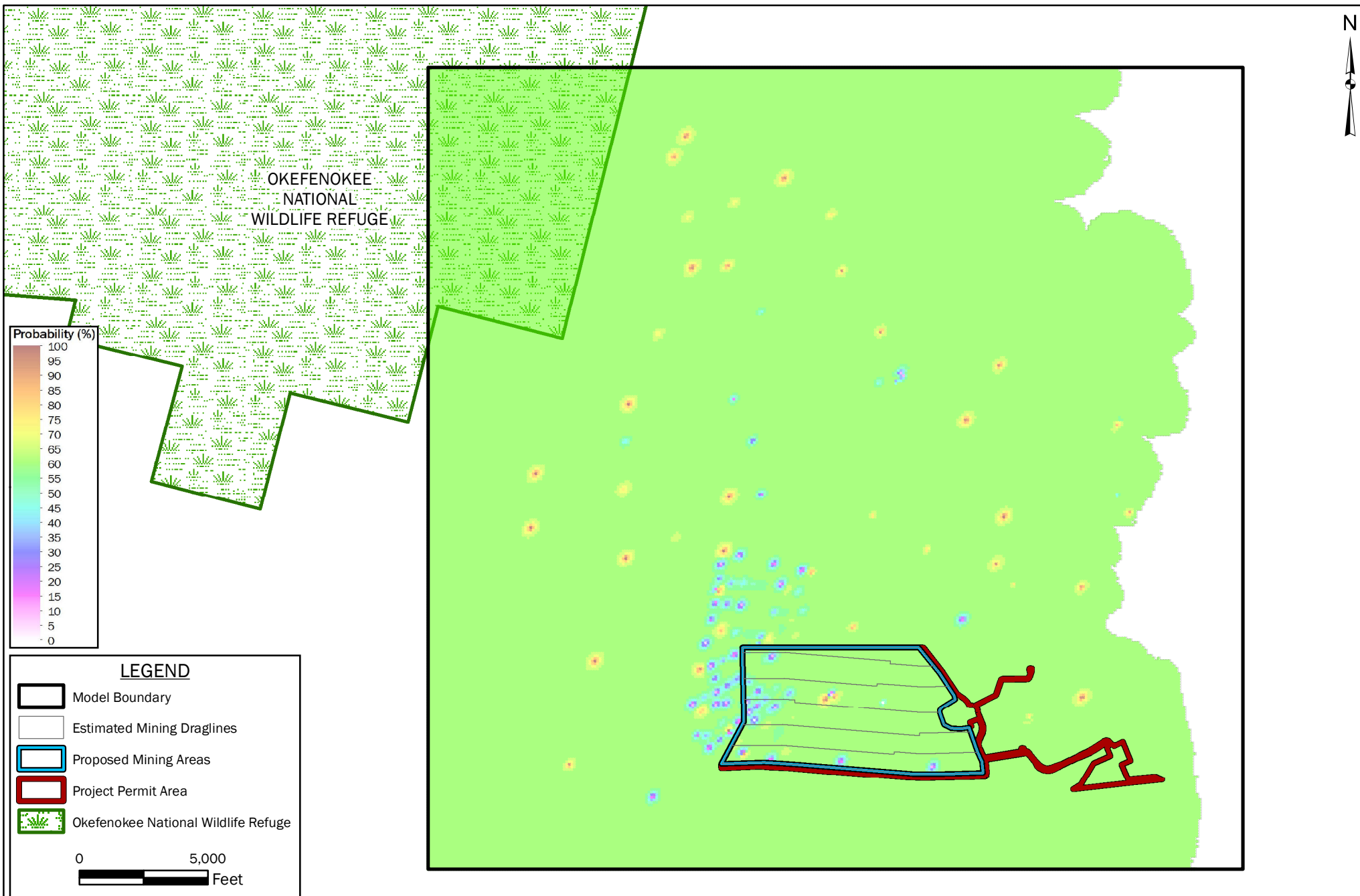
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CHECKED BY: RMH
DRAWING DATE: 2/28/2020
REVISION DATE: N/A
TTL JOB NO.: 000180200804.00
APPROX. SCALE: 1 in = 5,000 ft



**FIGURE 63: PROBABILITY (%) OF UNCONSOLIDATED SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 109' (EXPECTED VALUE = 58.33%)**

TWIN PINES MINERALS
ST. GEORGE, CHARLTON COUNTY, GEORGIA

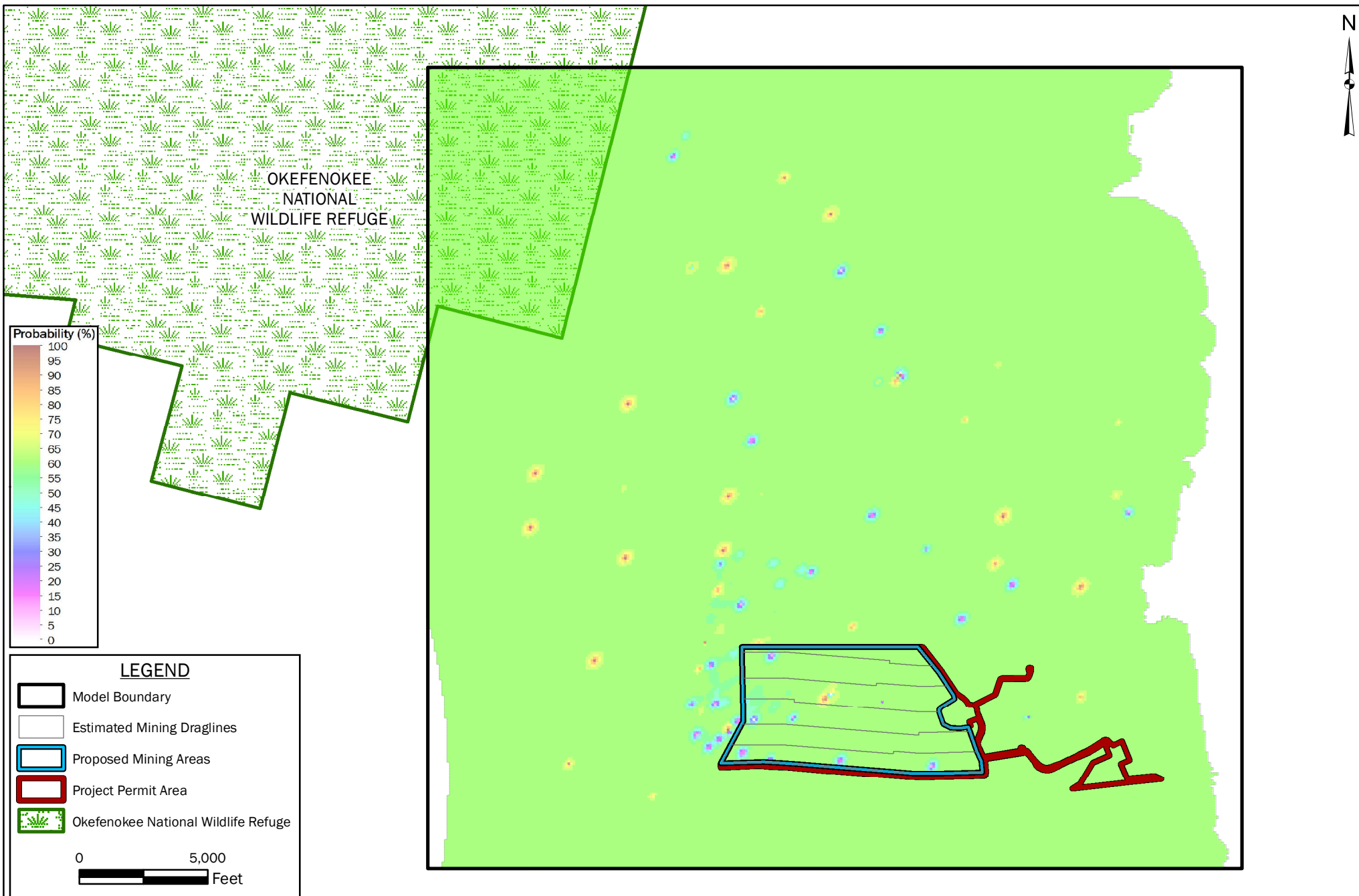
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CHECKED BY: RMH
DRAWING DATE: 2/28/2020
REVISION DATE: N/A
TTL JOB NO.: 000180200804.00
APPROX. SCALE: 1 in = 5,000 ft



**FIGURE 64: PROBABILITY (%) OF UNCONSOLIDATED SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 99' (EXPECTED VALUE = 58.33%)**

TWIN PINES MINERALS
ST. GEORGE, CHARLTON COUNTY, GEORGIA

DRAWN BY: DEK
CHECKED BY: RMH
DRAWING DATE: 2/28/2020
REVISION DATE: N/A
TTL JOB NO.: 000180200804.00
APPROX. SCALE: 1 in = 5,000 ft

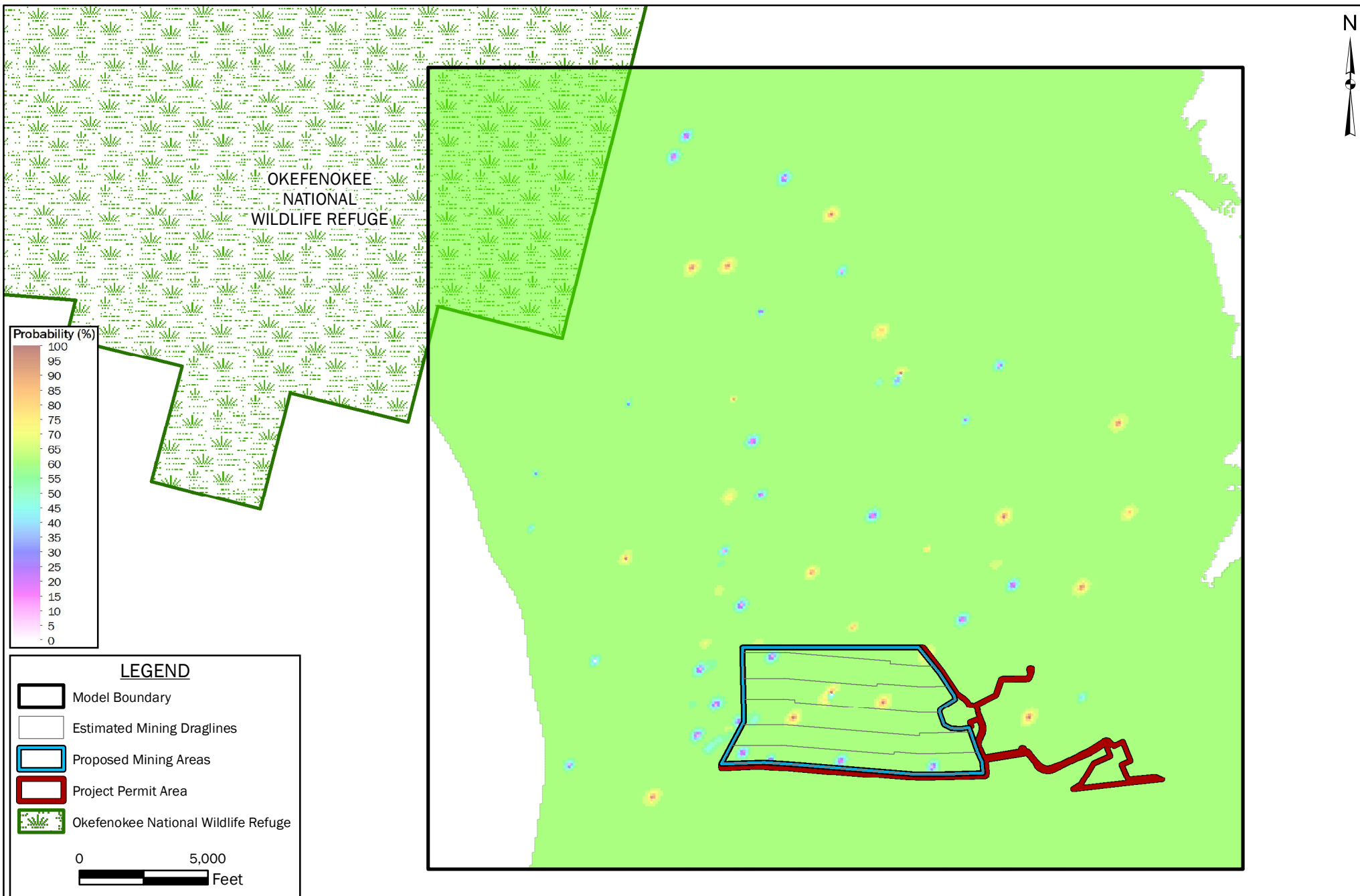


**FIGURE 65: PROBABILITY (%) OF UNCONSOLIDATED SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 89' (EXPECTED VALUE = 58.33%)**

TWIN PINES MINERALS
ST. GEORGE, CHARLTON COUNTY, GEORGIA



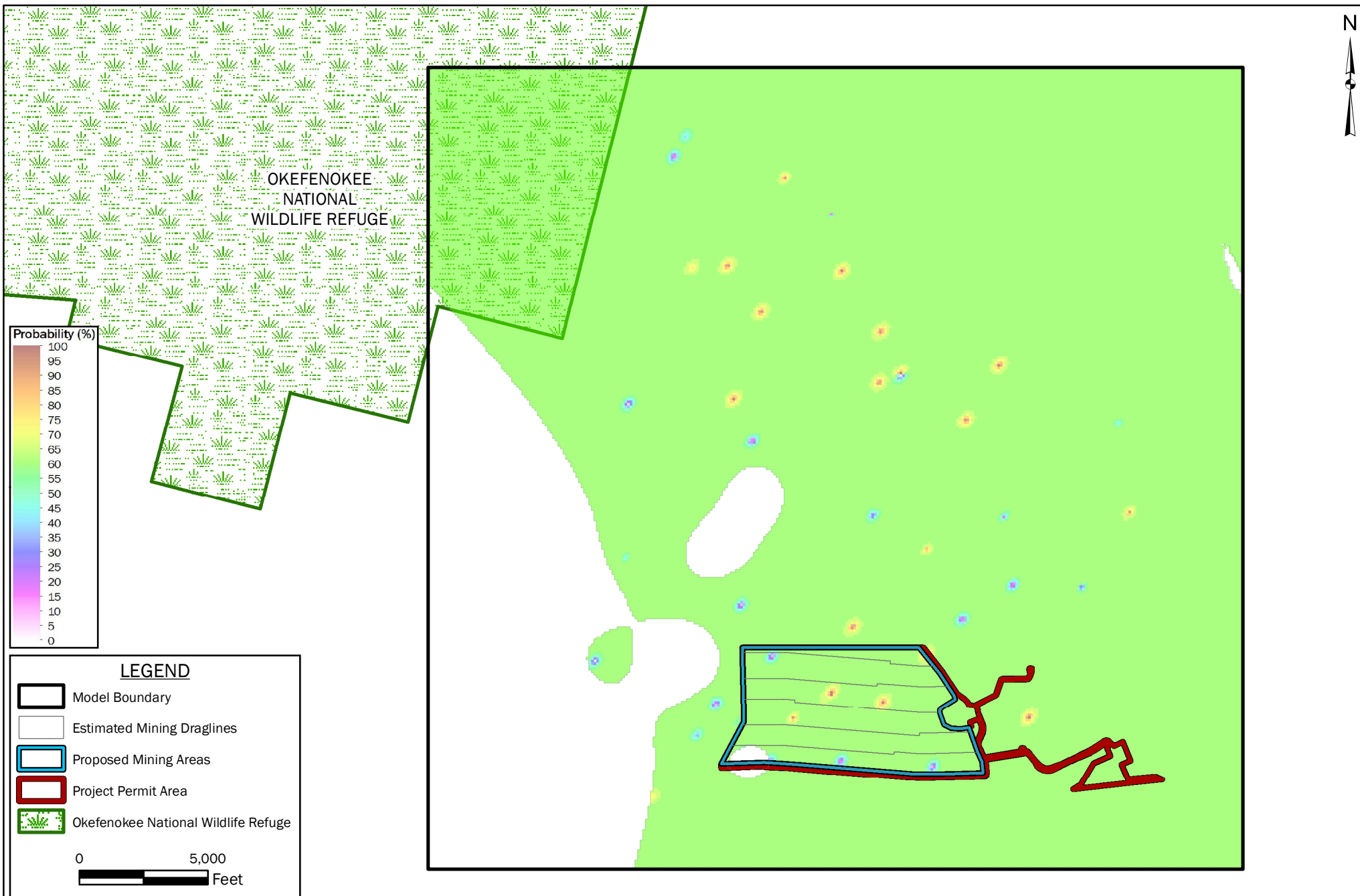
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CHECKED BY: RMH
DRAWING DATE: 2/28/2020
REVISION DATE: N/A
TTL JOB NO.: 000180200804.00
APPROX. SCALE: 1 in = 5,000 ft



**FIGURE 66: PROBABILITY (%) OF UNCONSOLIDATED SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 79' (EXPECTED VALUE = 58.33%)**

TWIN PINES MINERALS
ST. GEORGE, CHARLTON COUNTY, GEORGIA

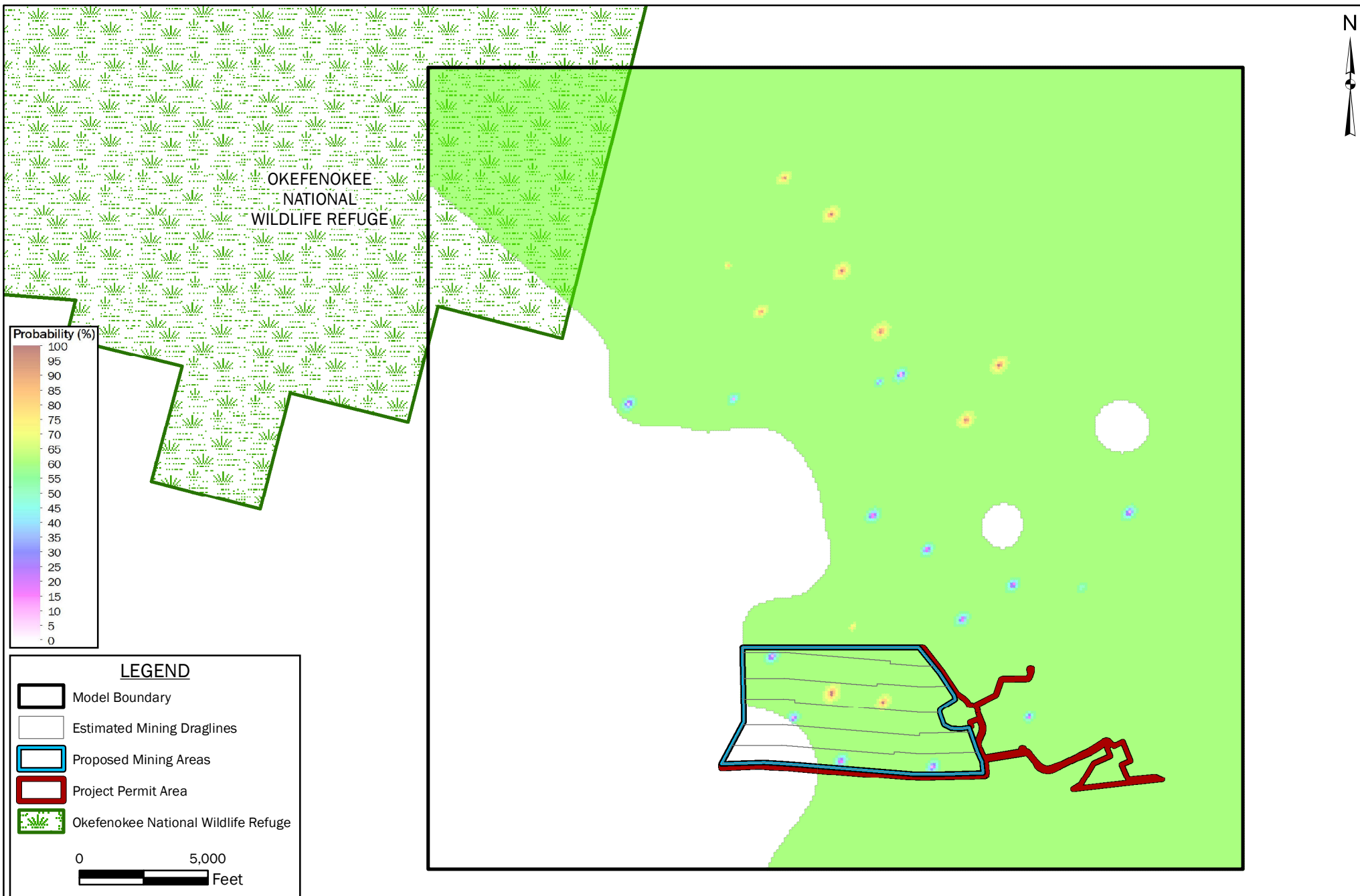
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DRAWING DATE: 2/28/2020
REVISION DATE: N/A
TTL JOB NO.: 000180200804.00
APPROX. SCALE: 1 in = 5,000 ft



**FIGURE 67: PROBABILITY (%) OF UNCONSOLIDATED SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 69' (EXPECTED VALUE = 58.33%)**

TWIN PINES MINERALS
ST GEORGE CHARLTON COUNTY GEORGIA

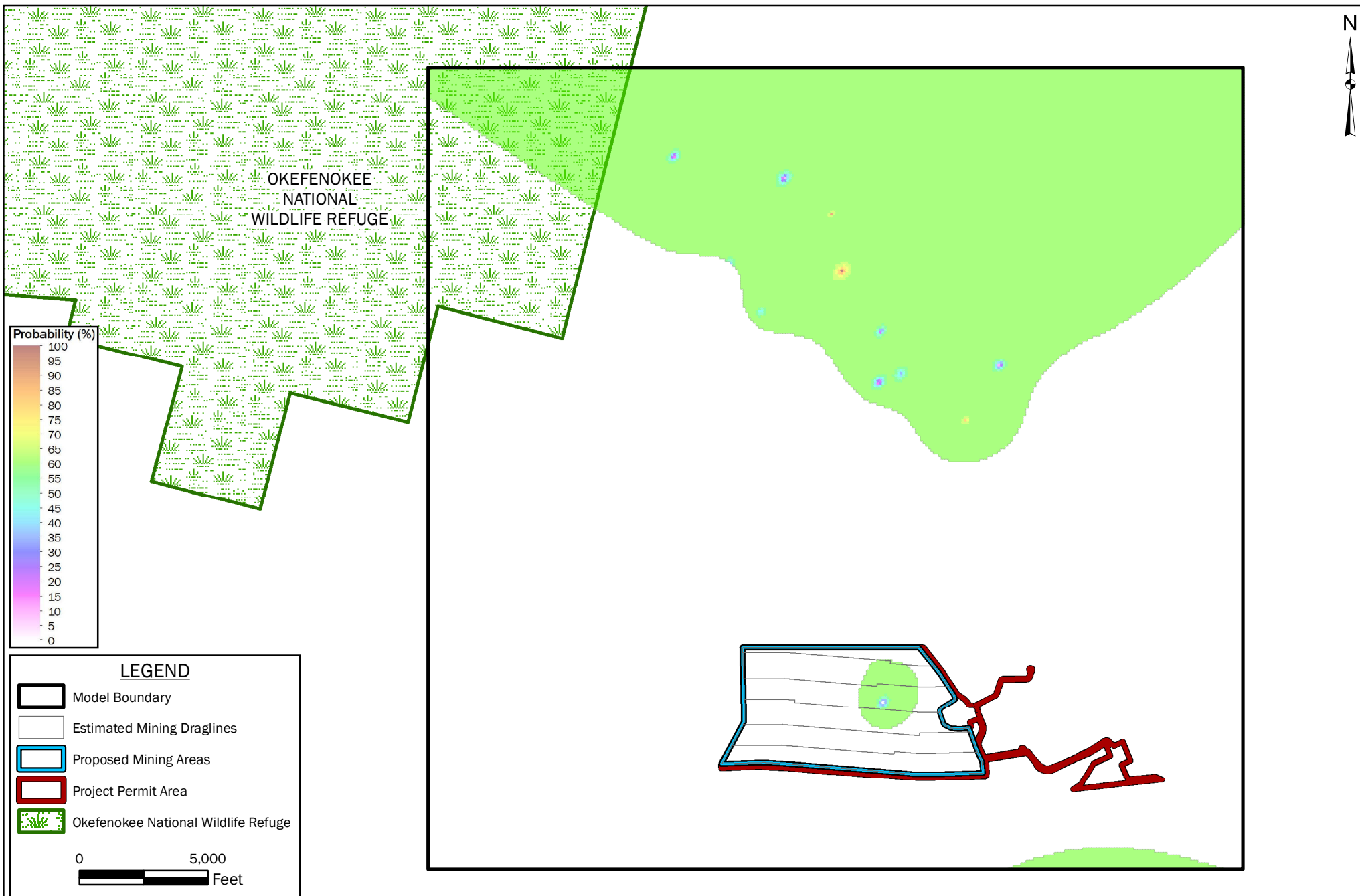
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CHECKED BY: RMH
DRAWING DATE: 2/28/2020
REVISION DATE: N/A
TTL JOB NO.: 000180200804.00
APPROX. SCALE: 1 in = 5,000 ft



**FIGURE 68: PROBABILITY (%) OF UNCONSOLIDATED SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 59' (EXPECTED VALUE = 58.33%)**

TWIN PINES MINERALS
ST. GEORGE, CHARLTON COUNTY, GEORGIA

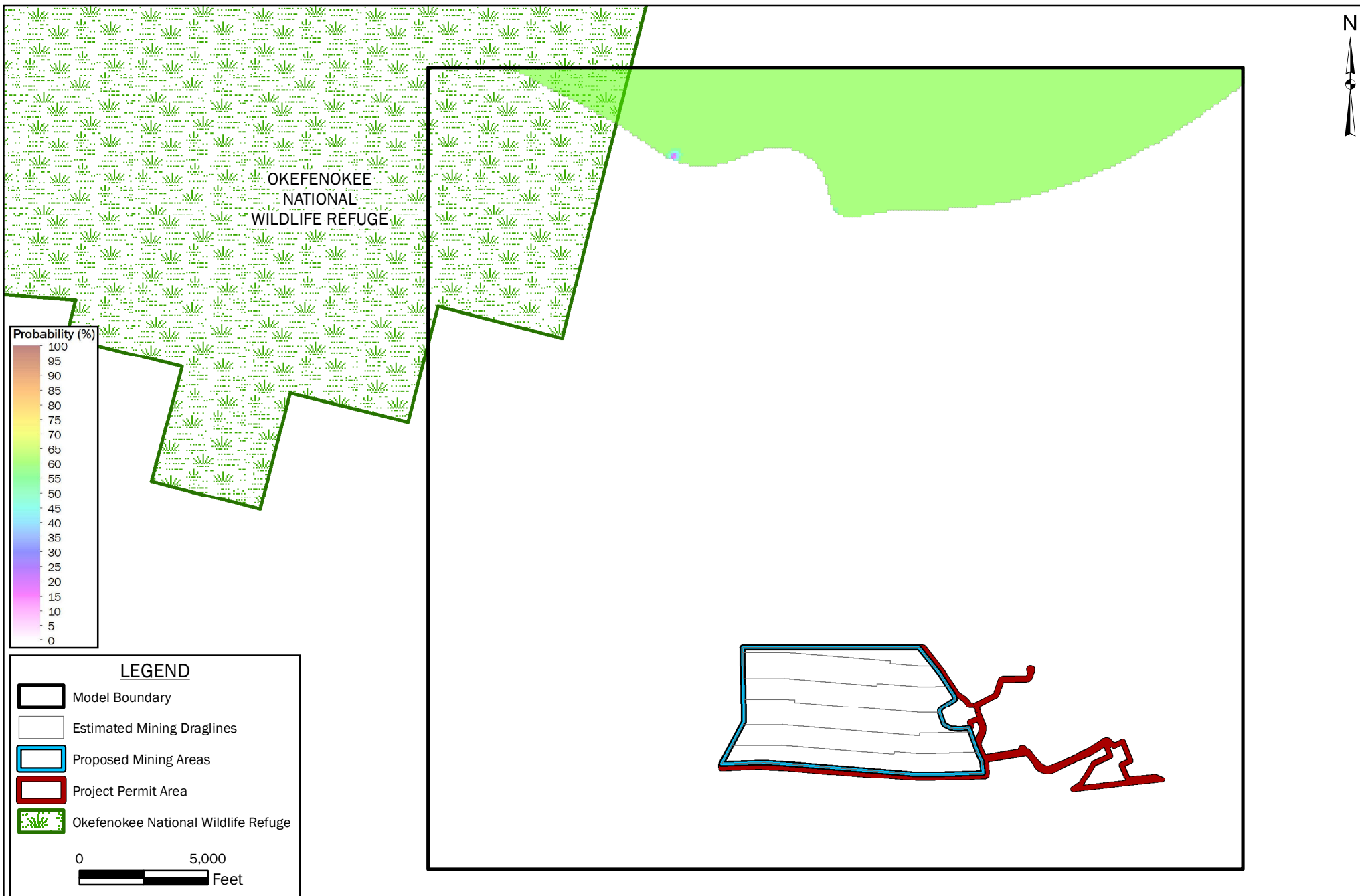
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CHECKED BY: RMH
DRAWING DATE: 2/28/2020
REVISION DATE: N/A
TTL JOB NO.: 000180200804.00
APPROX. SCALE: 1 in = 5,000 ft



**FIGURE 69: PROBABILITY (%) OF UNCONSOLIDATED SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 49' (EXPECTED VALUE = 58.33%)**

TWIN PINES MINERALS
ST. GEORGE, CHARLTON COUNTY, GEORGIA

DRAWN BY: DEK
CHECKED BY: RMH
DRAWING DATE: 2/28/2020
REVISION DATE: N/A
TTL JOB NO.: 000180200804.00
APPROX. SCALE: 1 in = 5,000 ft



**FIGURE 70: PROBABILITY (%) OF UNCONSOLIDATED SANDS SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 39' (EXPECTED VALUE = 58.33%)**

TWIN PINES MINERALS
ST. GEORGE, CHARLTON COUNTY, GEORGIA

DRAWN BY: DEK
CHECKED BY: RMH
DRAWING DATE: 2/28/2020
REVISION DATE: N/A
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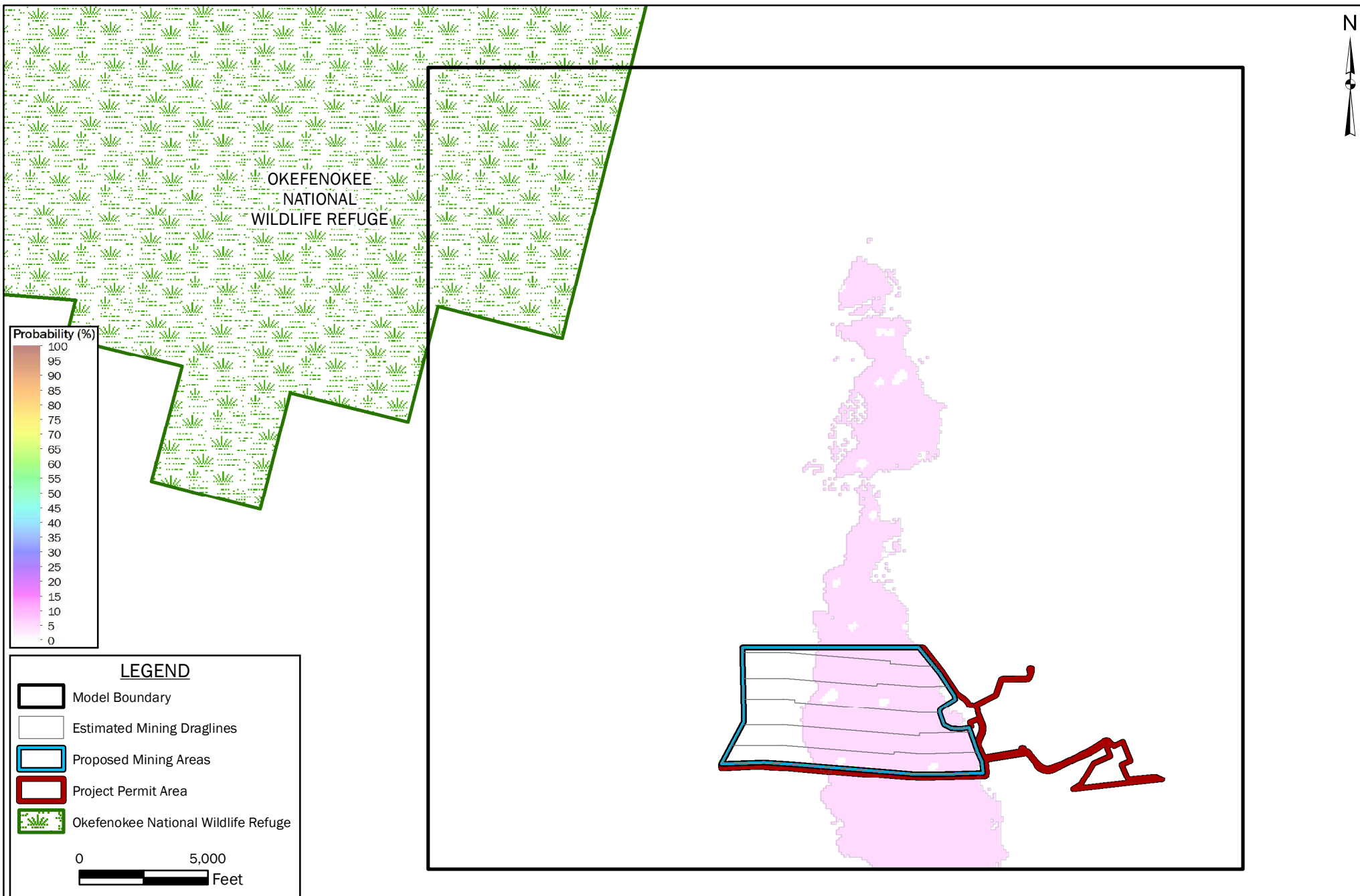


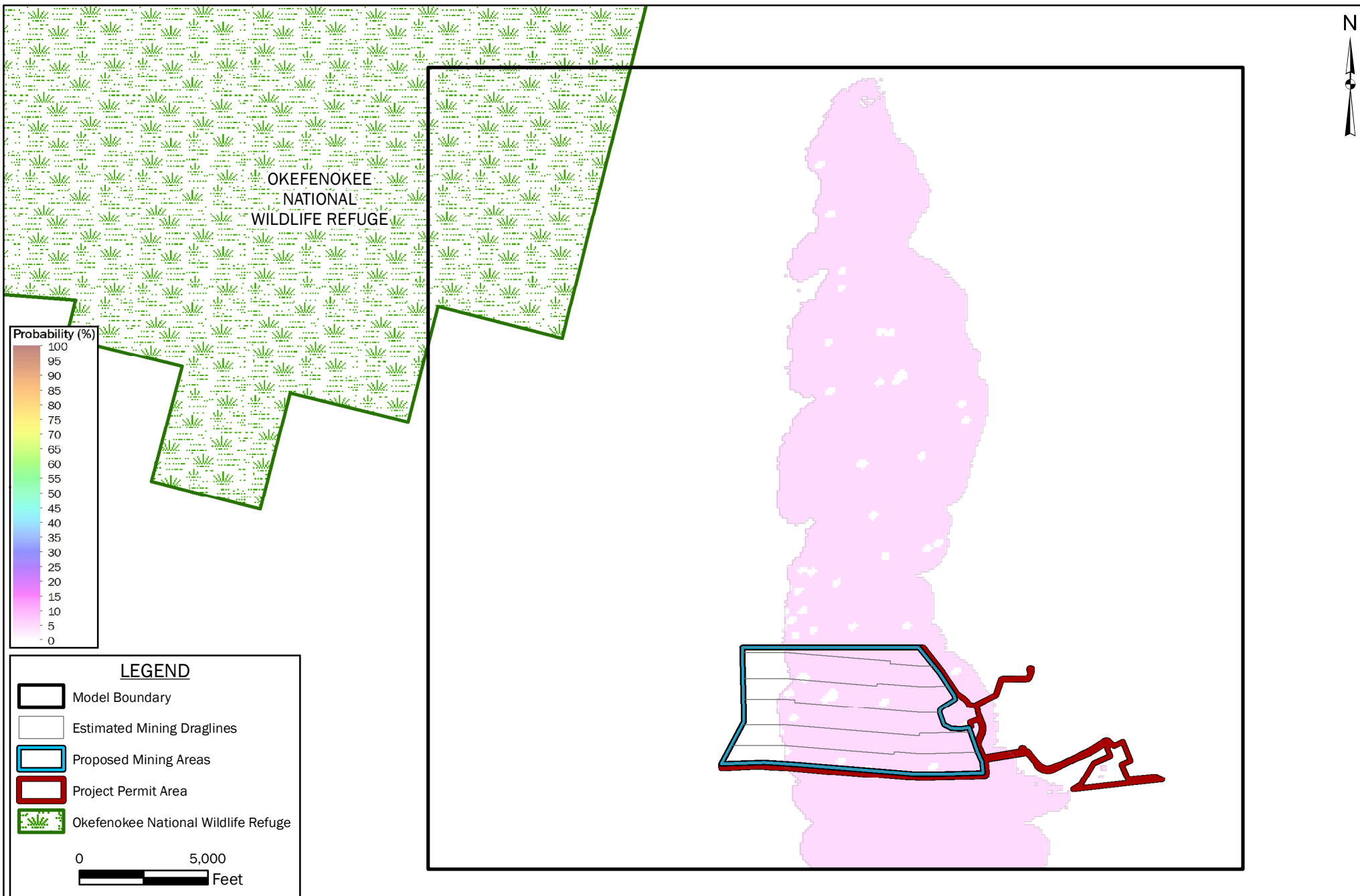
FIGURE 71: PROBABILITY (%) OF CLAY SOIL PRESENCE
 BOTTOM OF 10 FOOT LAYER = 169' (EXPECTED VALUE = 3.82%)

TWIN PINES MINERALS

ST. GEORGE, CHARLTON COUNTY, GEORGIA



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**FIGURE 72: PROBABILITY (%) OF CLAY SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 159' (EXPECTED VALUE = 3.82%)**

TWIN PINES MINERALS

ST. GEORGE, CHARLTON COUNTY, GEORGIA



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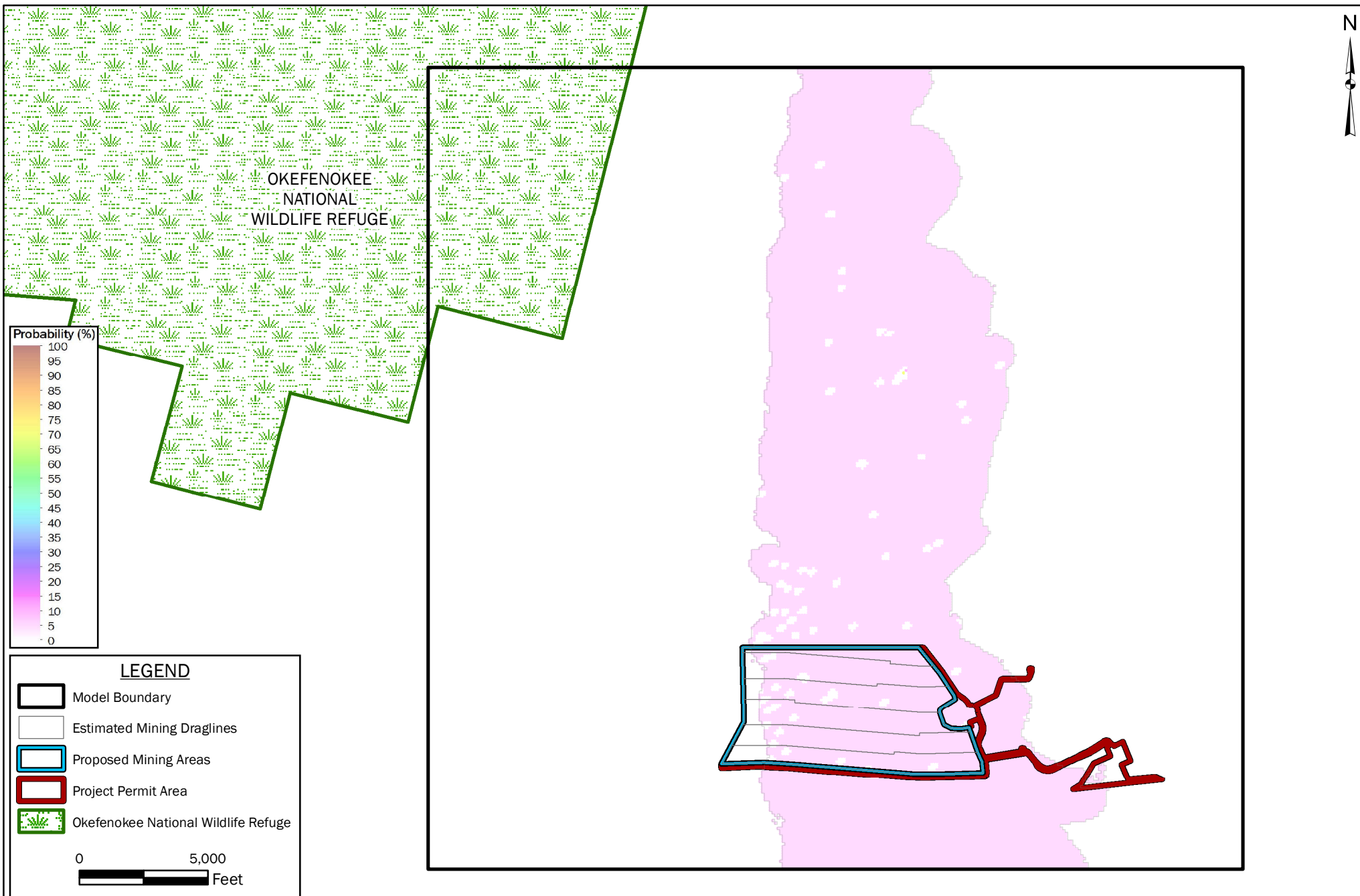


FIGURE 73: PROBABILITY (%) OF CLAY SOIL PRESENCE
 BOTTOM OF 10 FOOT LAYER = 149' (EXPECTED VALUE = 3.82%)

TWIN PINES MINERALS
 ST. GEORGE, CHARLTON COUNTY, GEORGIA



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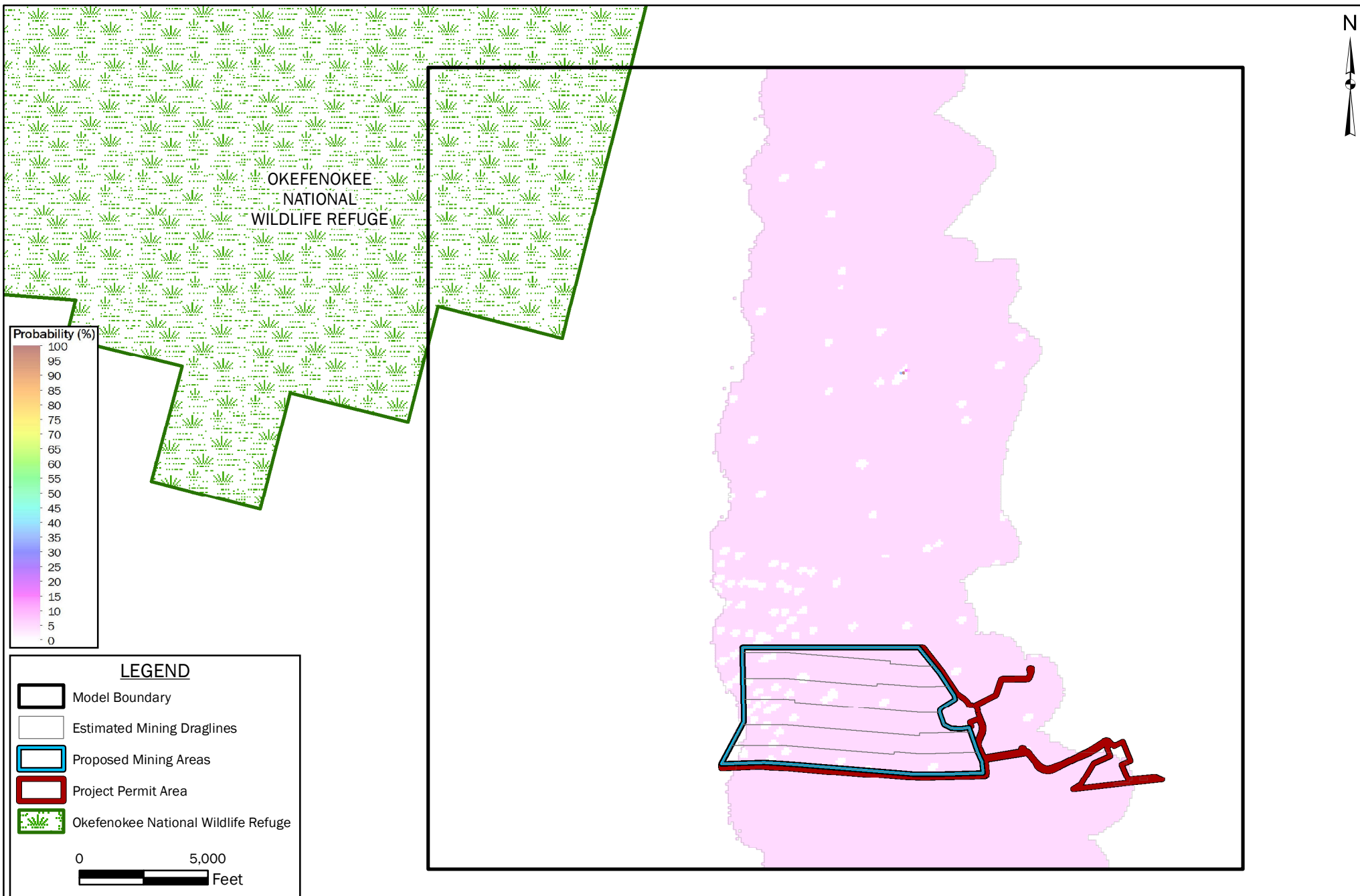


FIGURE 74: PROBABILITY (%) OF CLAY SOIL PRESENCE
 BOTTOM OF 10 FOOT LAYER = 139' (EXPECTED VALUE = 3.82%)

TWIN PINES MINERALS
 ST. GEORGE, CHARLTON COUNTY, GEORGIA



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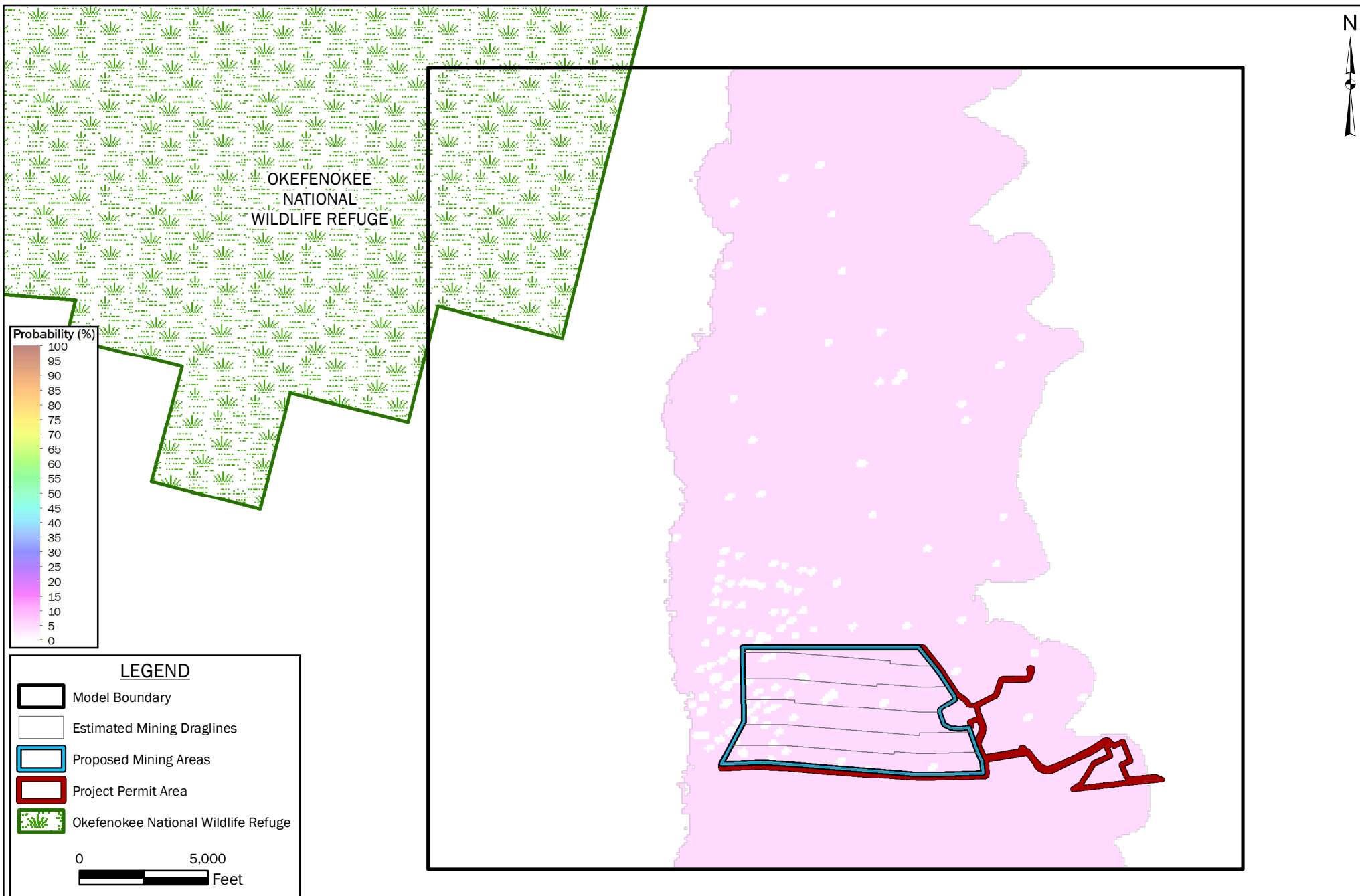
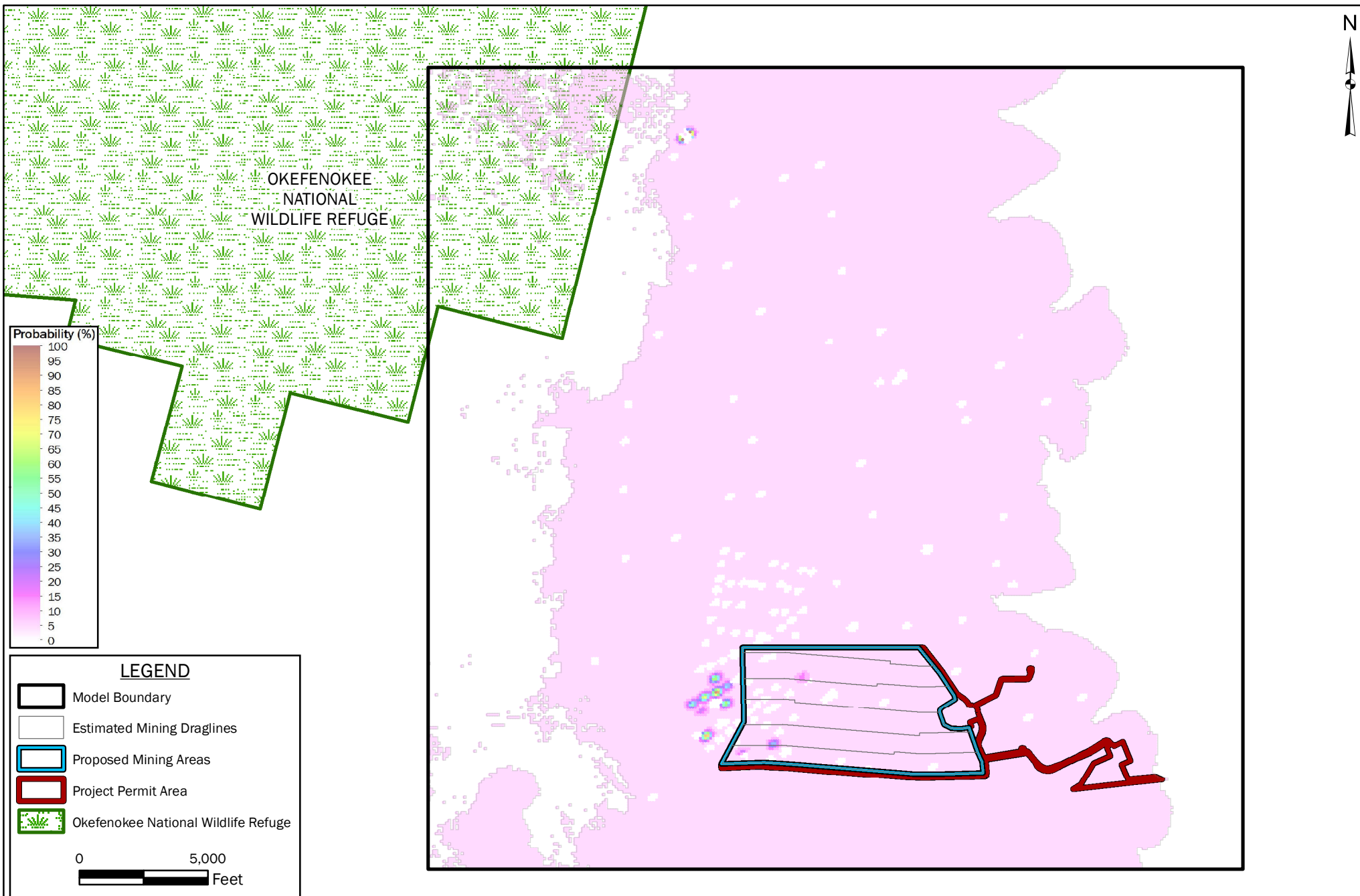


FIGURE 75: PROBABILITY (%) OF CLAY SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 129' (EXPECTED VALUE = 3.82%)

TWIN PINES MINERALS
 ST. GEORGE, CHARLTON COUNTY, GEORGIA



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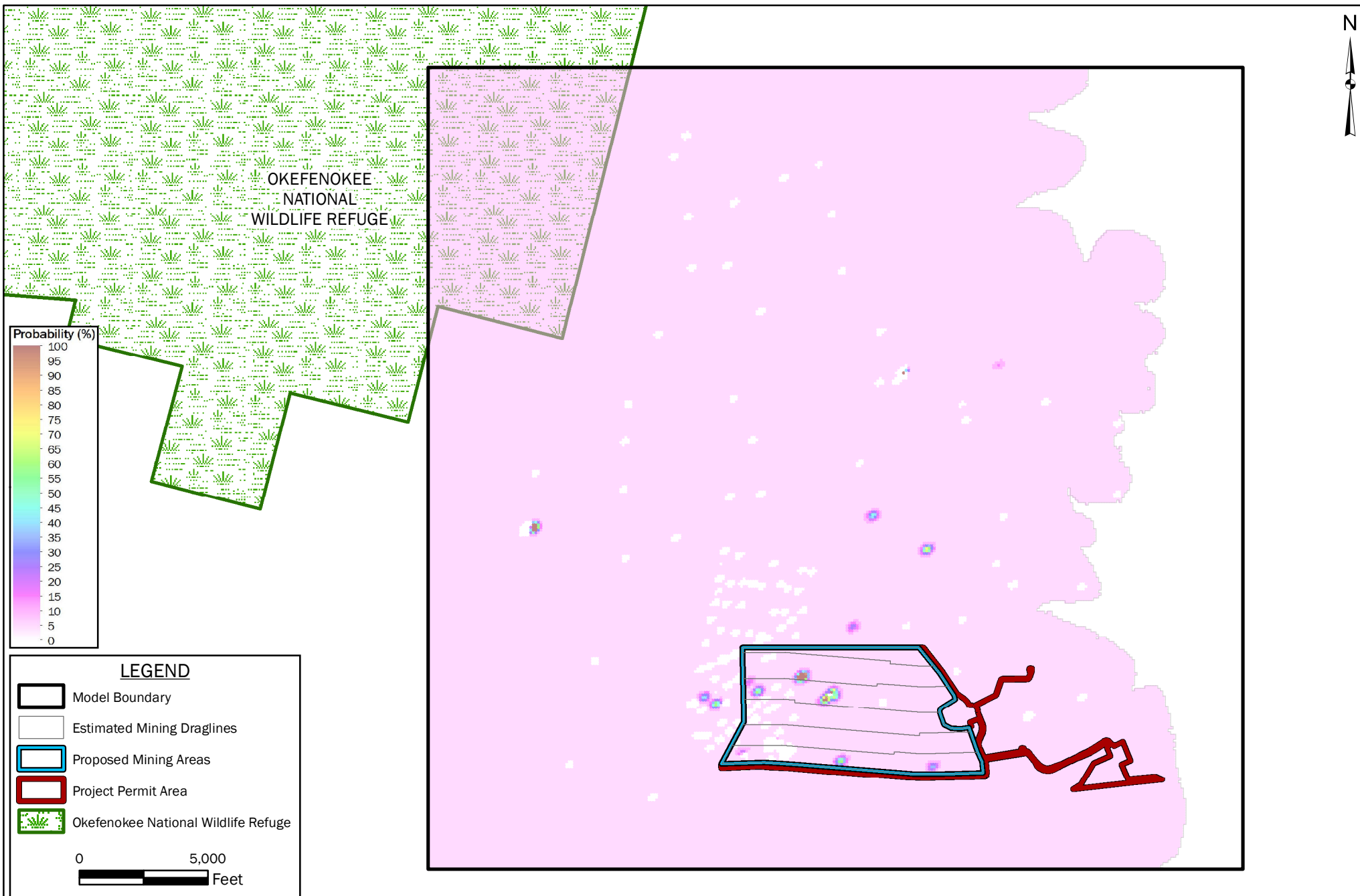
**FIGURE 76: PROBABILITY (%) OF CLAY SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 119' (EXPECTED VALUE = 3.82%)**

TWIN PINES MINERALS

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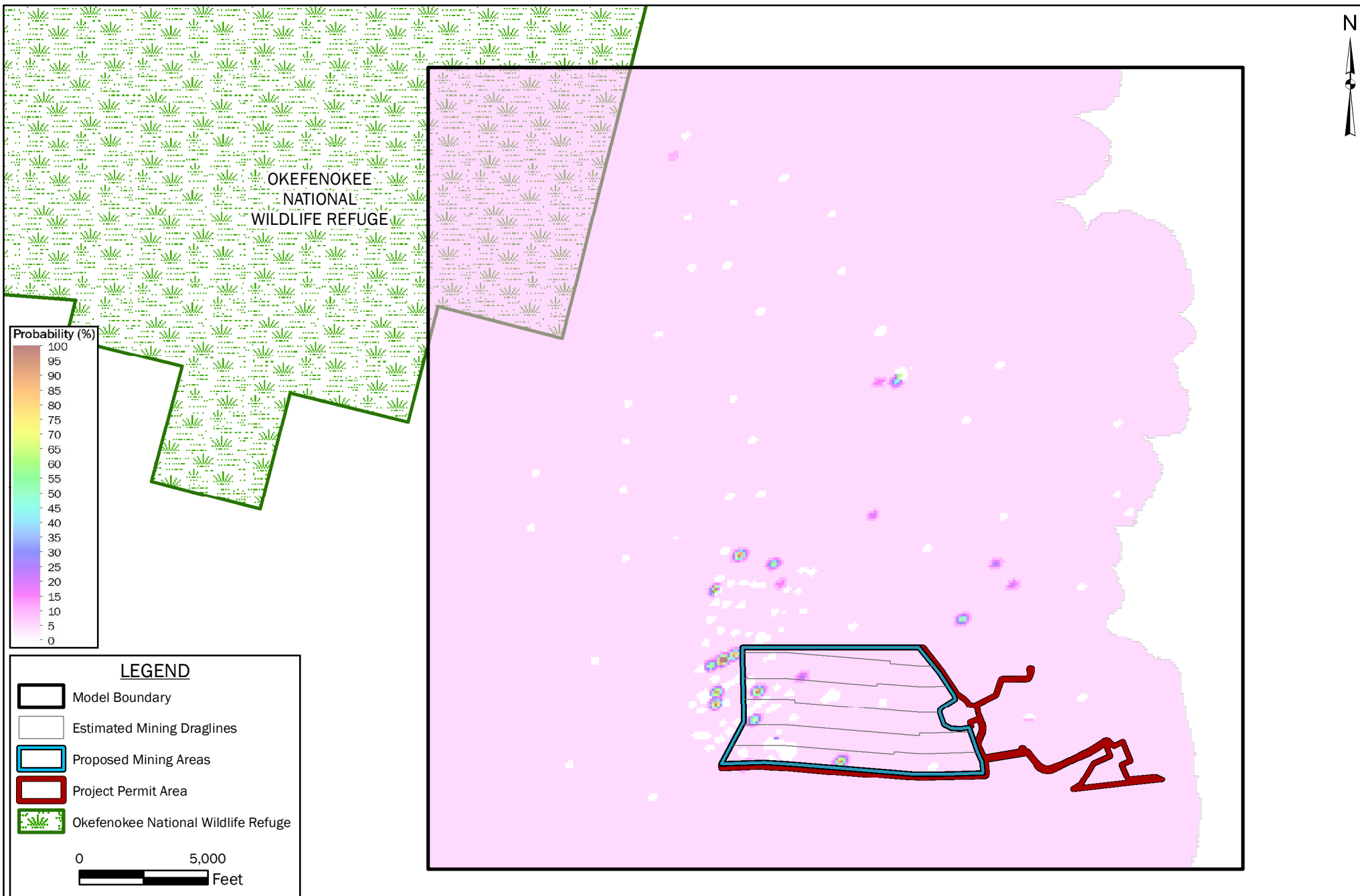
**FIGURE 77: PROBABILITY (%) OF CLAY SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 109' (EXPECTED VALUE = 3.82%)**

TWIN PINES MINERALS

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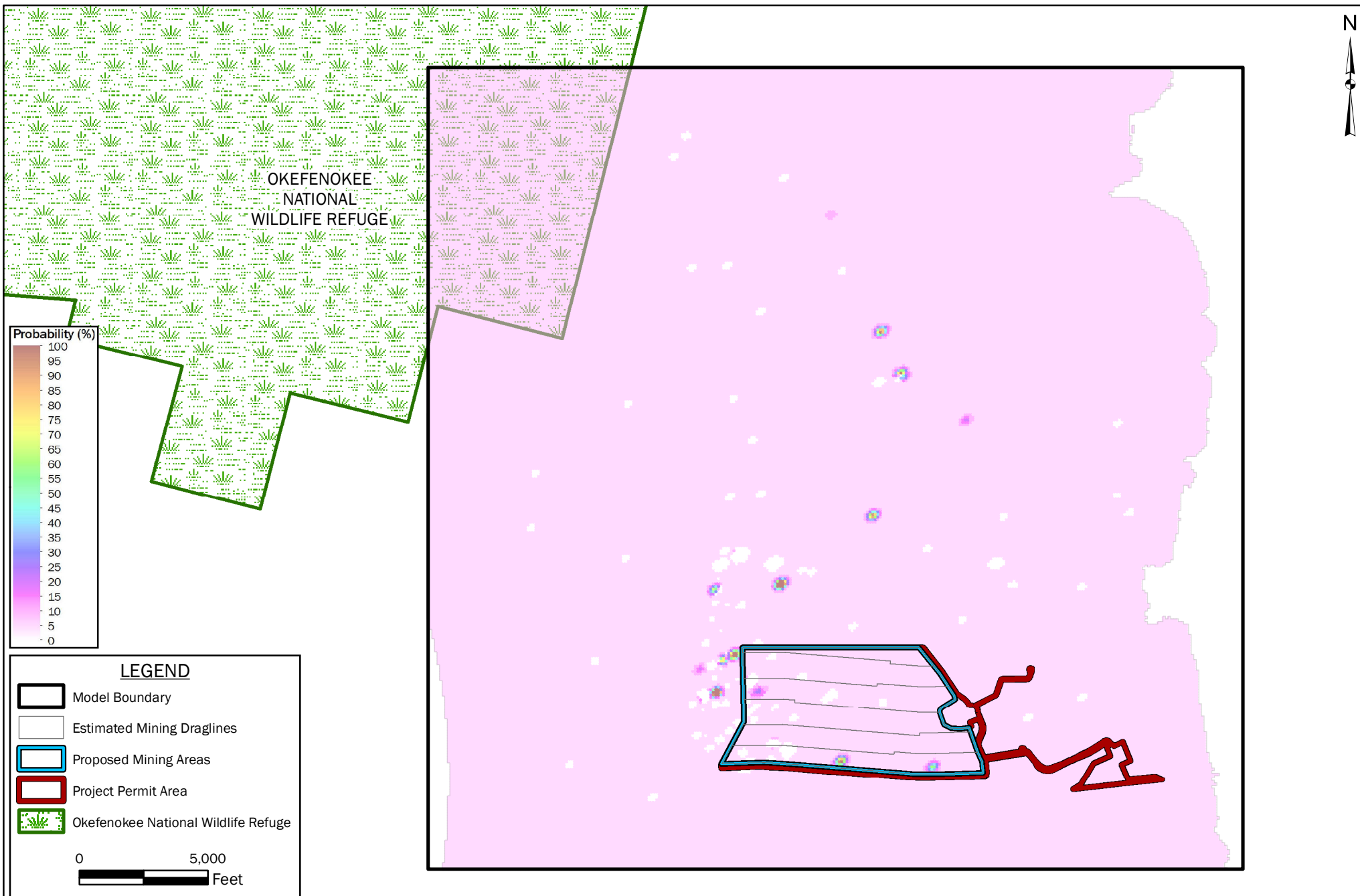
**FIGURE 78: PROBABILITY (%) OF CLAY SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 99' (EXPECTED VALUE = 3.82%)**

TWIN PINES MINERALS

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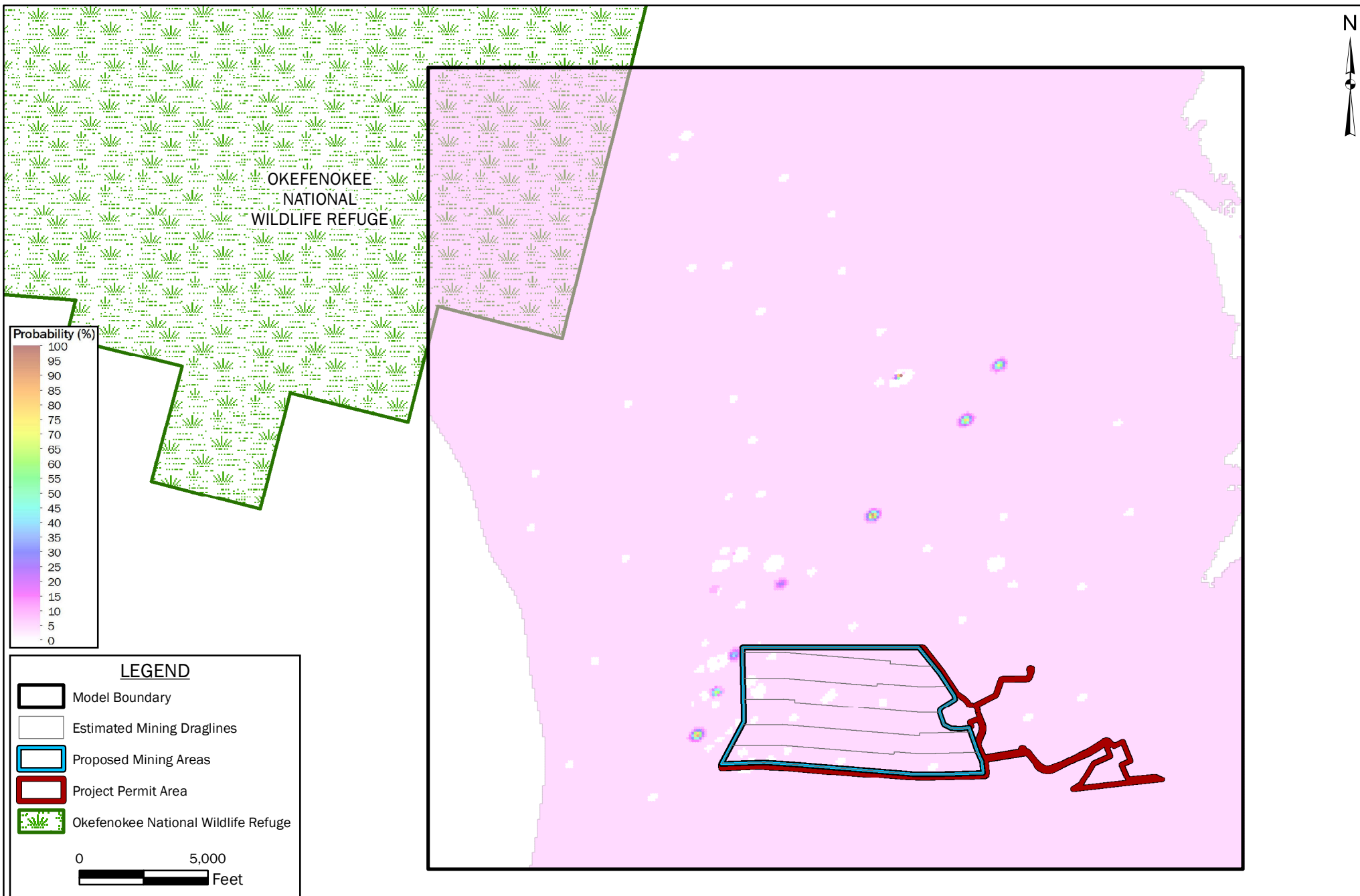


**FIGURE 79: PROBABILITY (%) OF CLAY SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 89' (EXPECTED VALUE = 3.82%)**

TWIN PINES MINERALS
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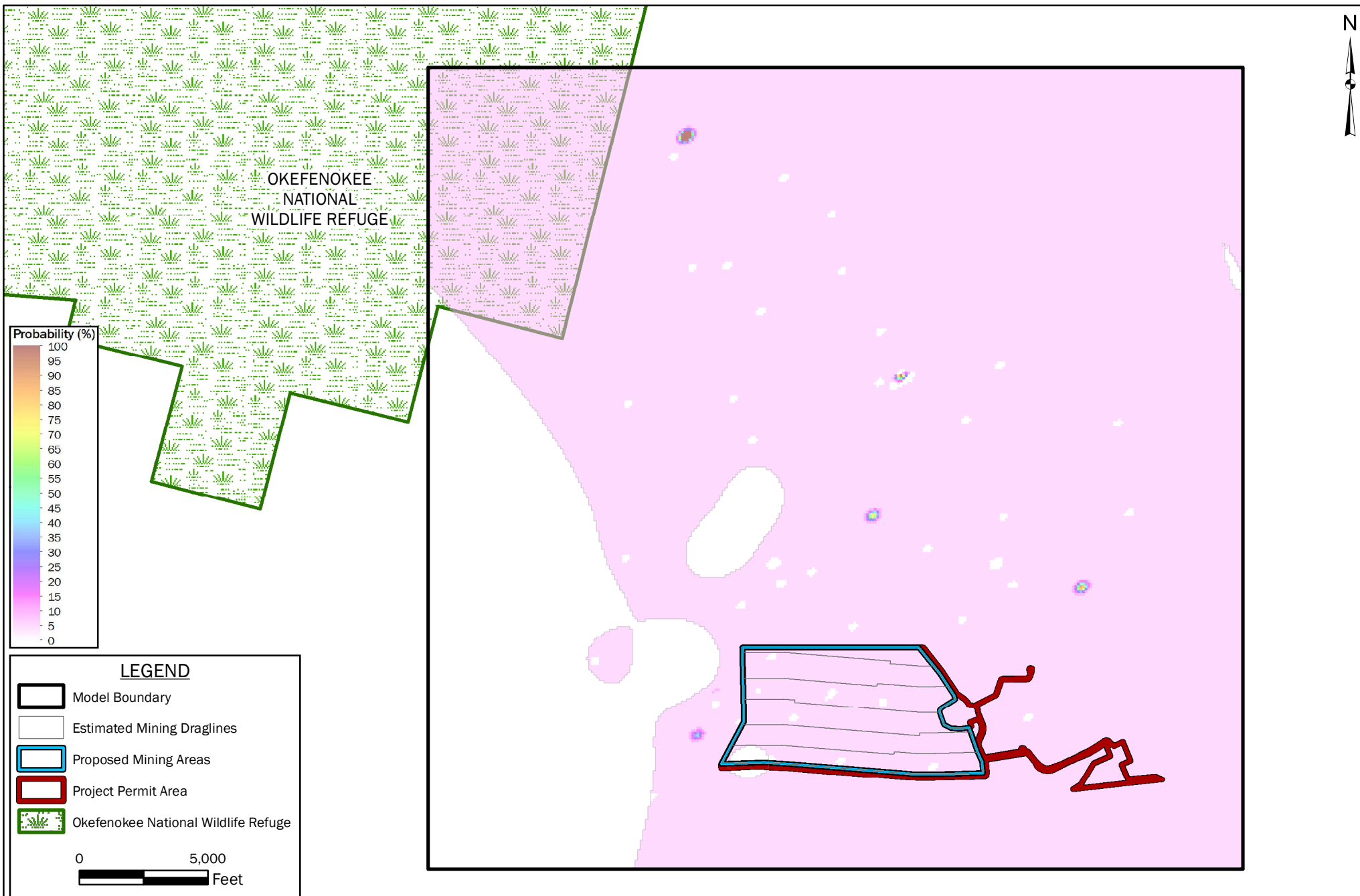


**FIGURE 80: PROBABILITY (%) OF CLAY SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 79' (EXPECTED VALUE = 3.82%)**

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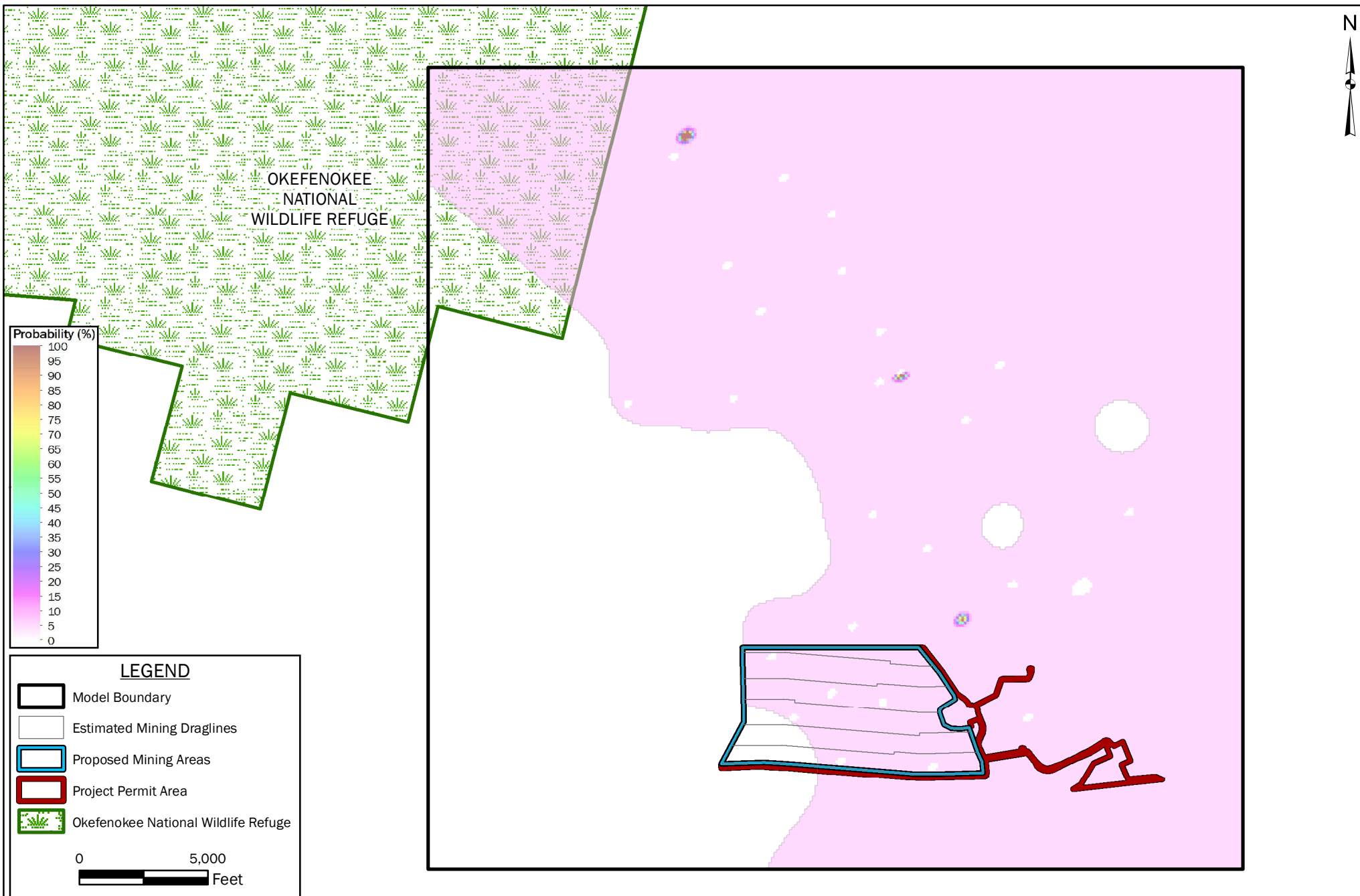


**FIGURE 81: PROBABILITY (%) OF CLAY SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 69' (EXPECTED VALUE = 3.82%)**

TWIN PINES MINERALS
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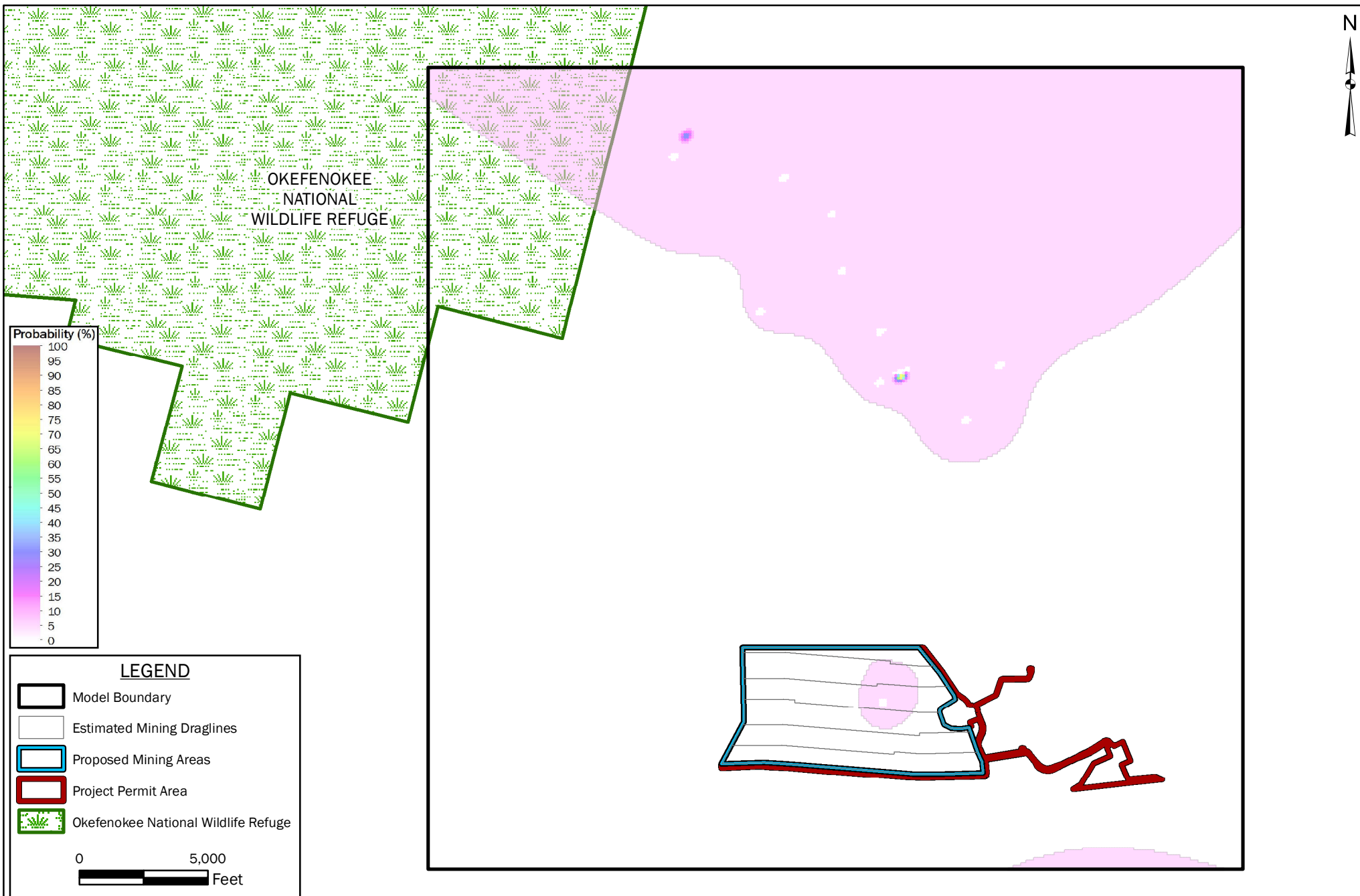
**FIGURE 82: PROBABILITY (%) OF CLAY SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 59' (EXPECTED VALUE = 3.82%)**

TWIN PINES MINERALS

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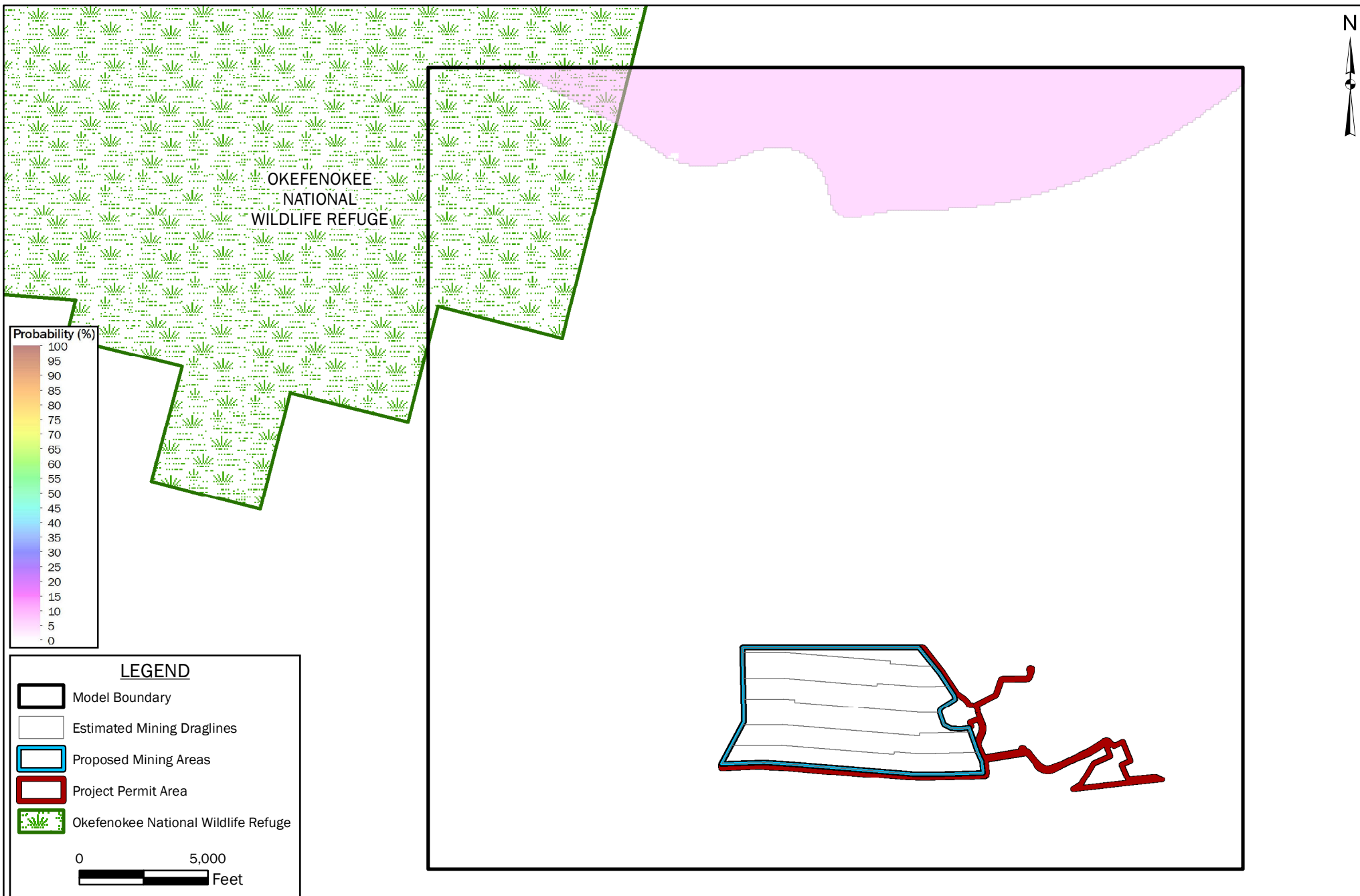
**FIGURE 83: PROBABILITY (%) OF CLAY SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 49' (EXPECTED VALUE = 3.82%)**

TWIN PINES MINERALS

ST. GEORGE, CHARLTON COUNTY, GEORGIA



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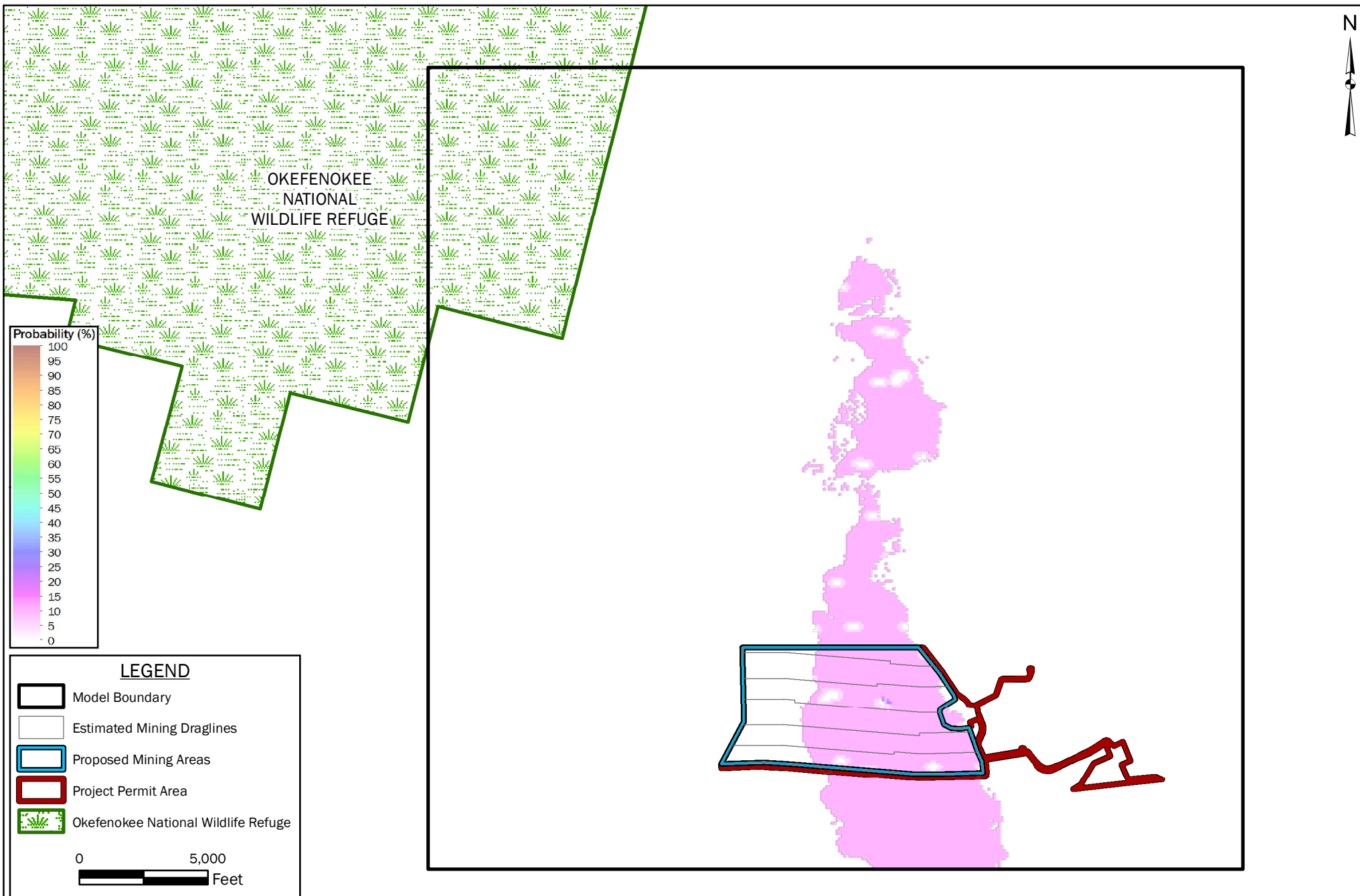
**FIGURE 84: PROBABILITY (%) OF CLAY SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 39' (EXPECTED VALUE = 3.82%)**

TWIN PINES MINERALS

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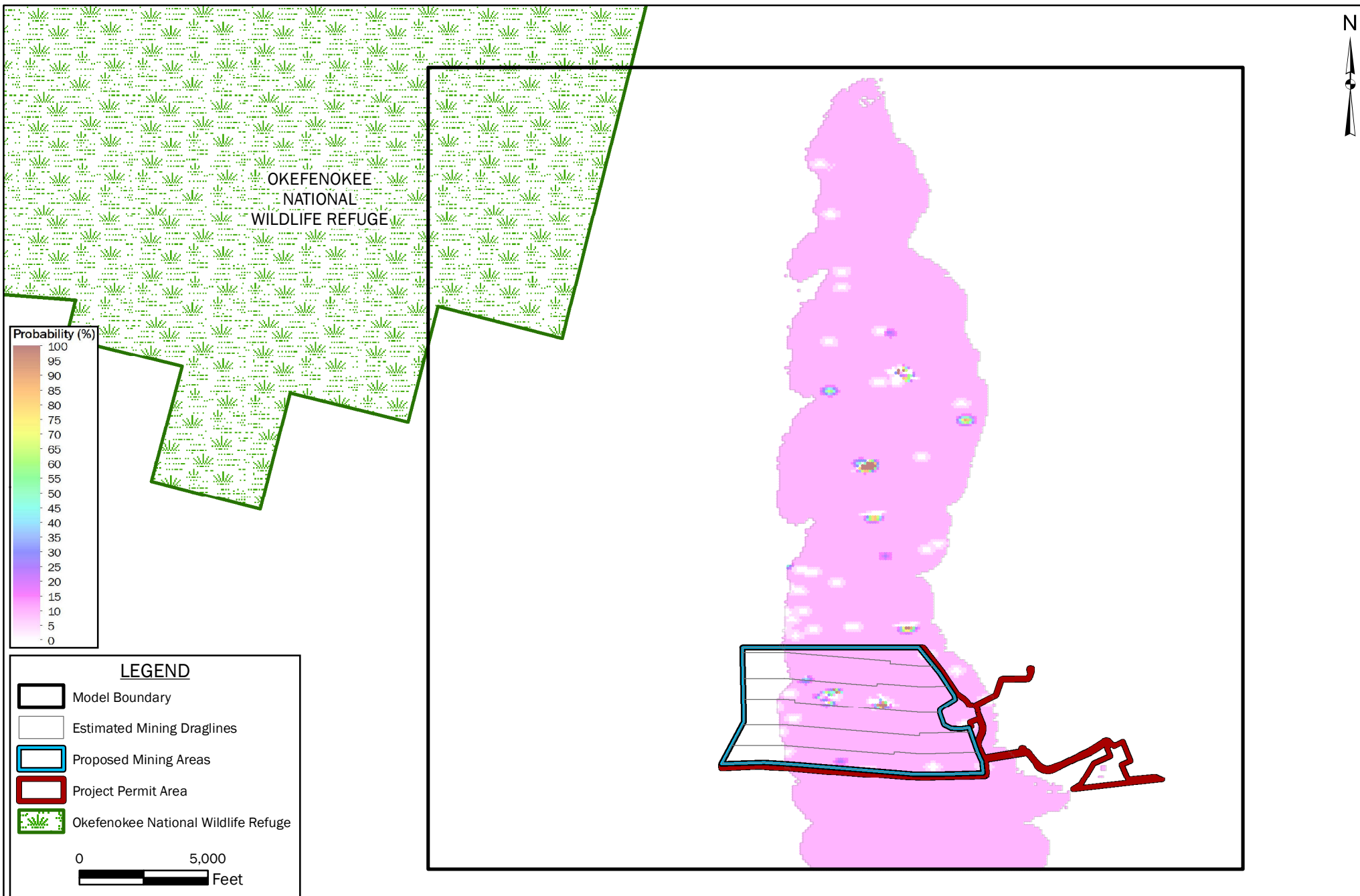
**FIGURE 85: PROBABILITY (%) OF CONSOLIDATED SAND SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 169' (EXPECTED VALUE = 5.54%)**

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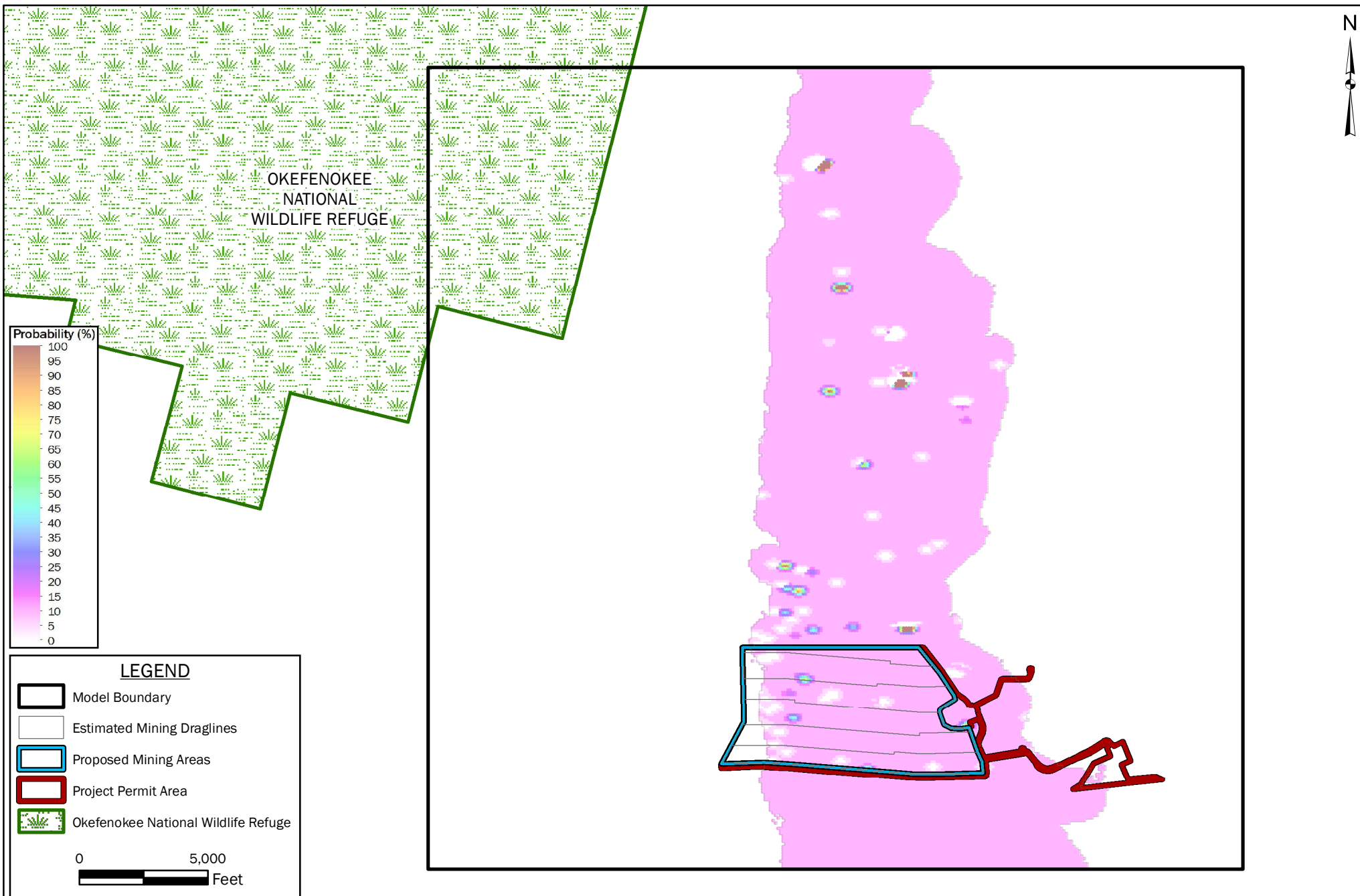
**FIGURE 86: PROBABILITY (%) OF CONSOLIDATED SAND SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 159' (EXPECTED VALUE = 5.54%)**

TWIN PINES MINERALS

ST. GEORGE, CHARLTON COUNTY, GEORGIA



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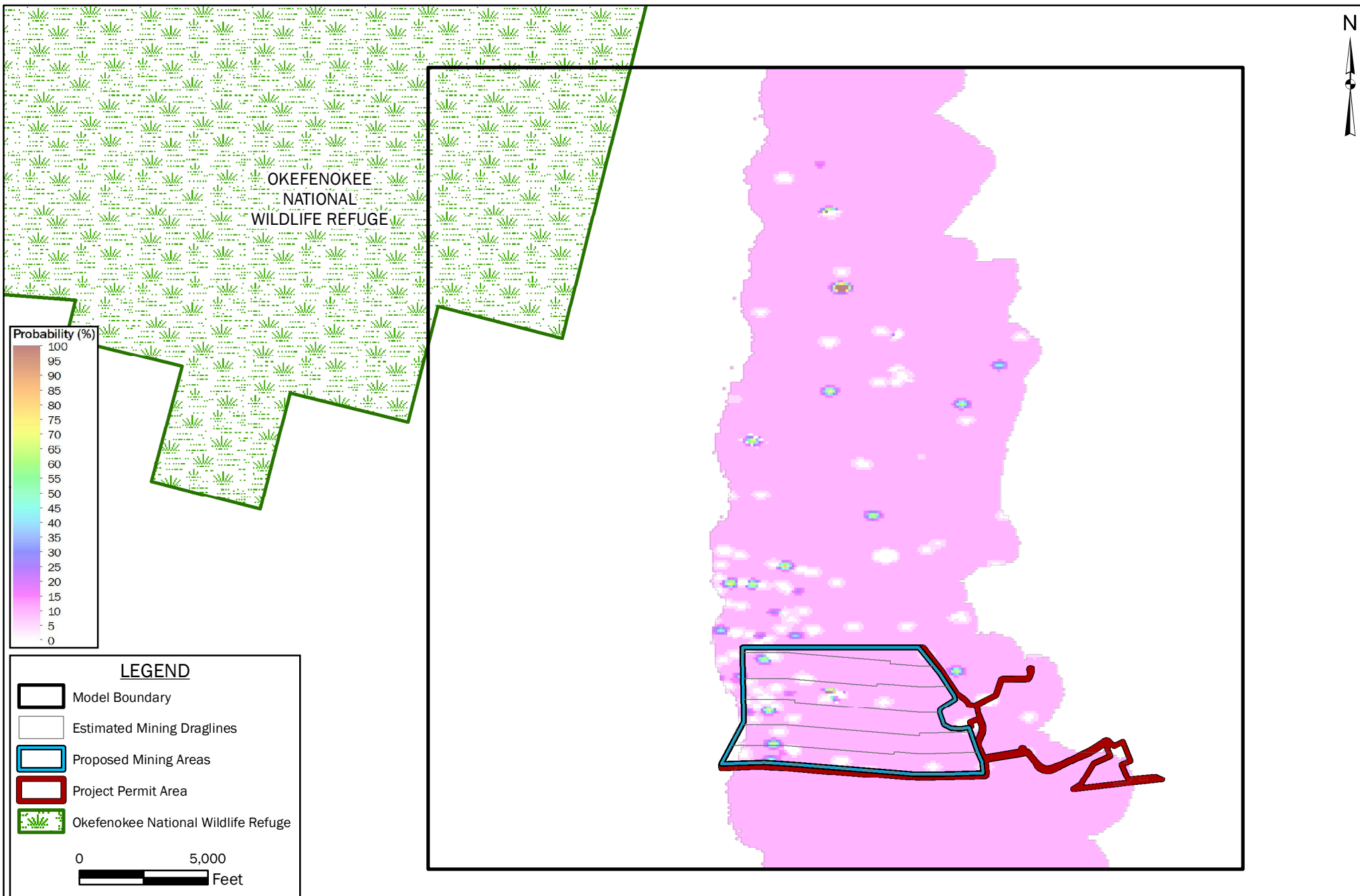
**FIGURE 87: PROBABILITY (%) OF CONSOLIDATED SAND SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 149' (EXPECTED VALUE = 5.54%)**

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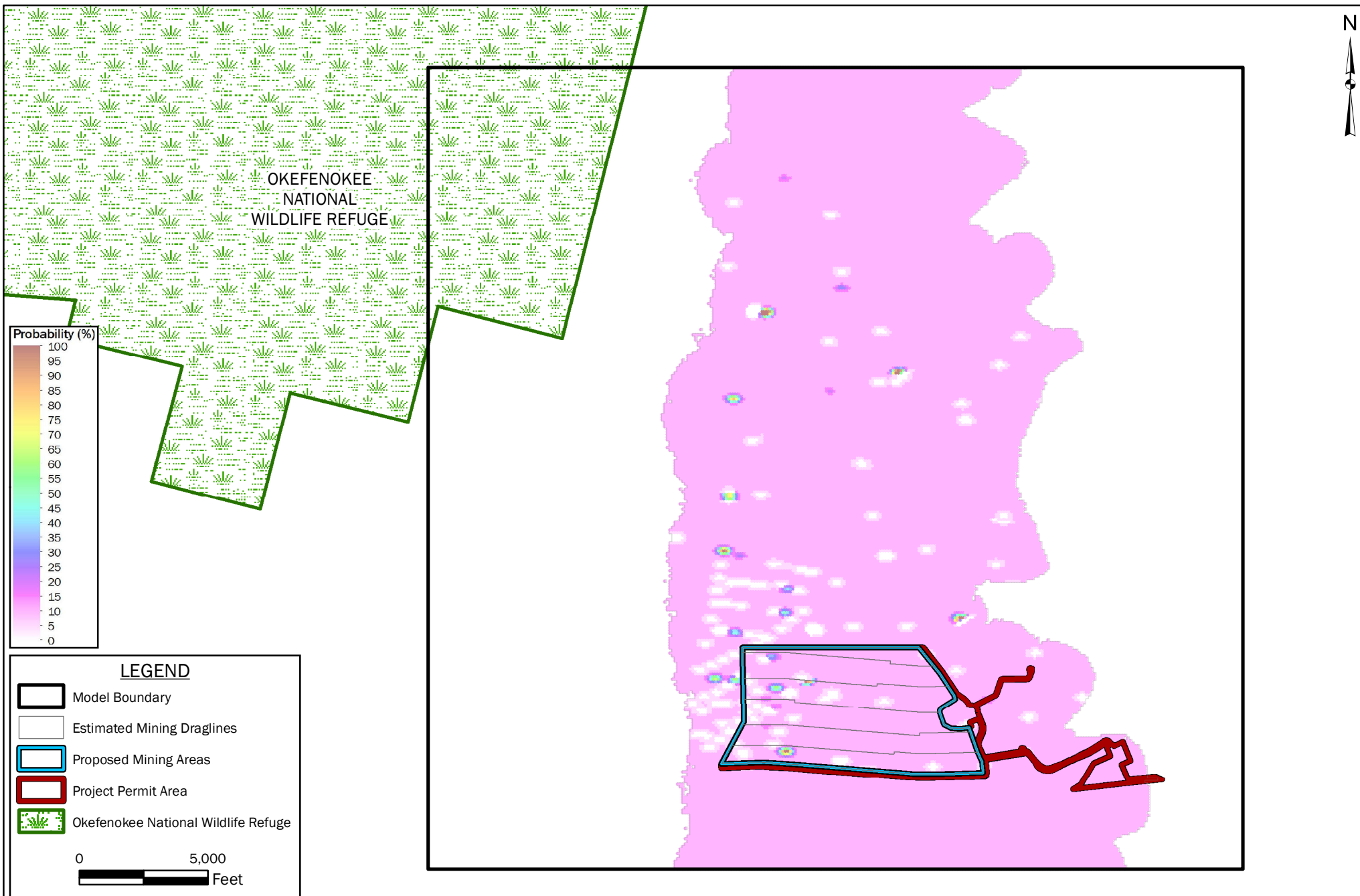
**FIGURE 88: PROBABILITY (%) OF CONSOLIDATED SAND SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 139' (EXPECTED VALUE = 5.54%)**

TWIN PINES MINERALS

ST. GEORGE, CHARLTON COUNTY, GEORGIA



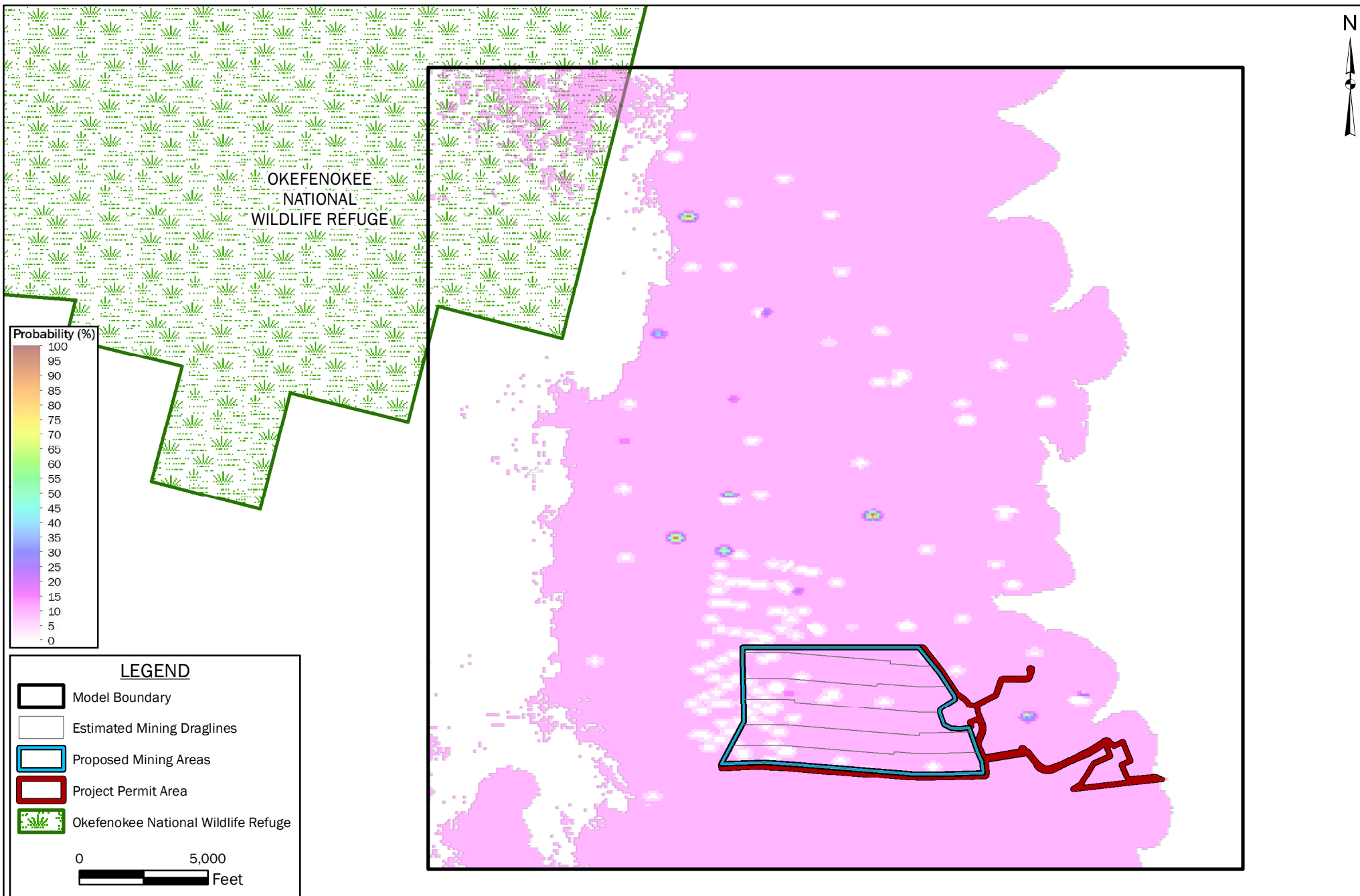
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**FIGURE 89: PROBABILITY (%) OF CONSOLIDATED SAND SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 129' (EXPECTED VALUE = 5.54%)**

TWIN PINES MINERALS
ST. GEORGE, CHARLTON COUNTY, GEORGIA

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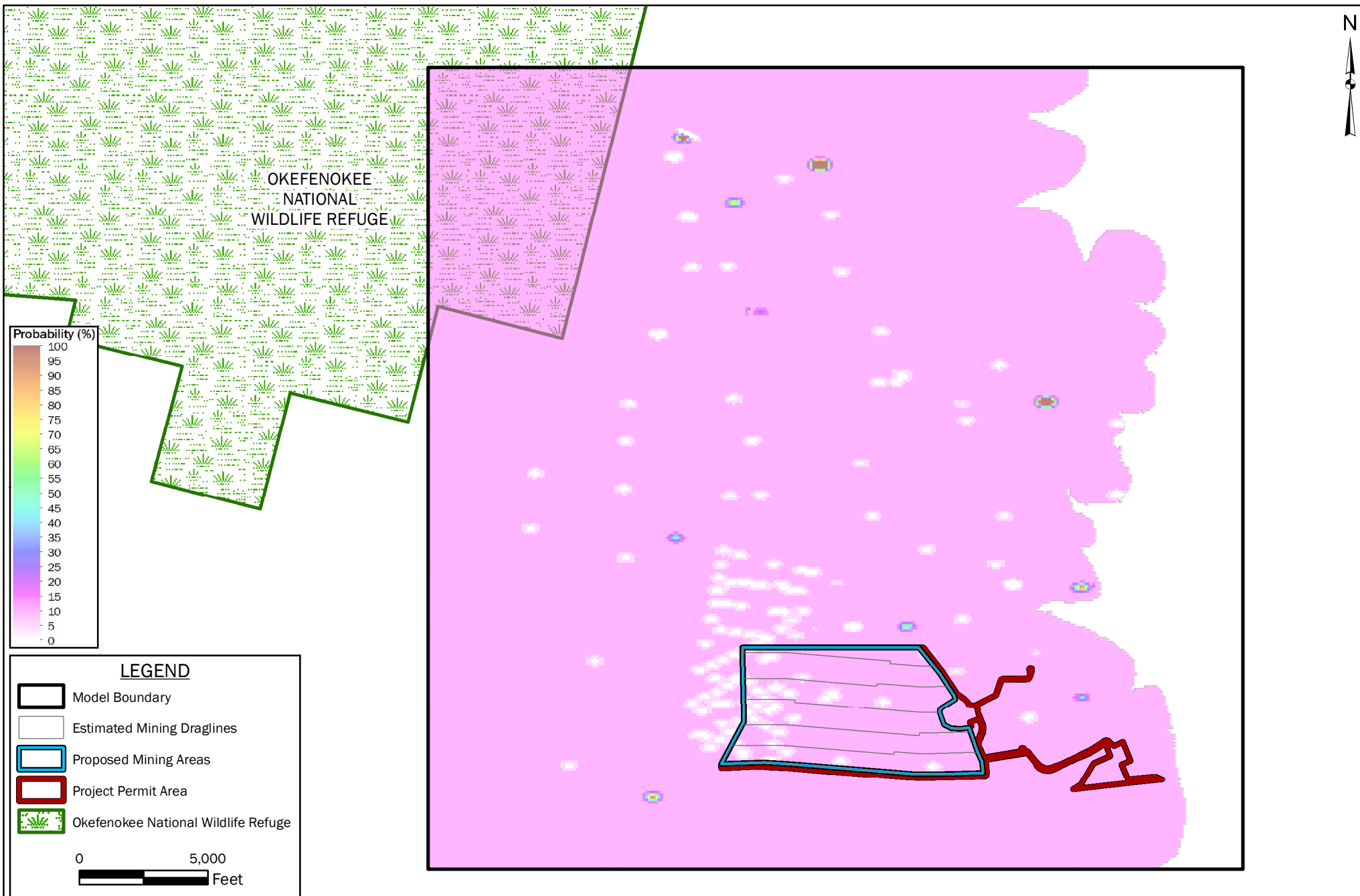
**FIGURE 90: PROBABILITY (%) OF CONSOLIDATED SAND SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 119' (EXPECTED VALUE = 5.54%)**

TWIN PINES MINERALS

ST. GEORGE, CHARLTON COUNTY, GEORGIA



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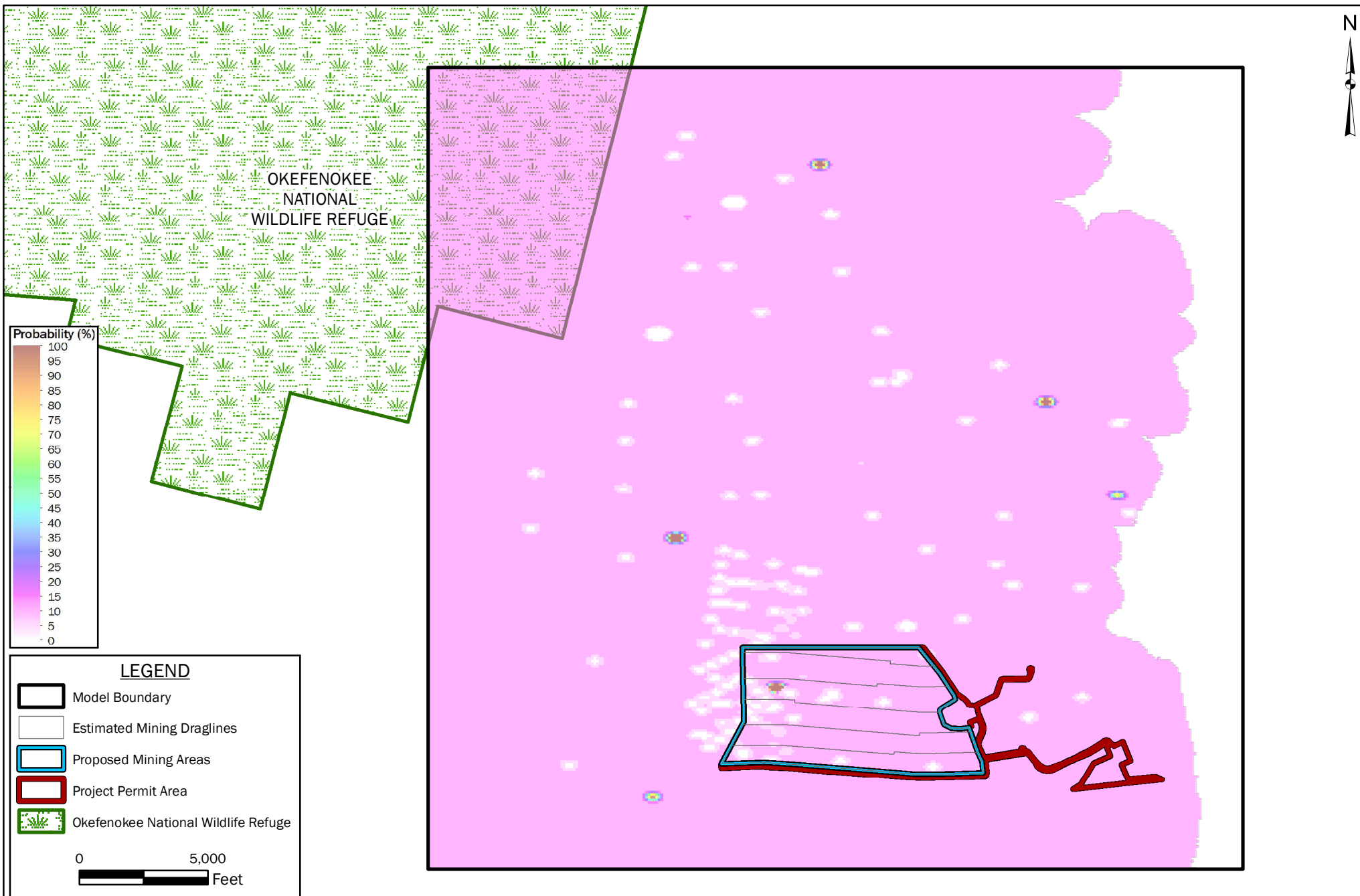
**FIGURE 91: PROBABILITY (%) OF CONSOLIDATED SAND SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 109' (EXPECTED VALUE = 5.54%)**

TWIN PINES MINERALS

ST. GEORGE, CHARLTON COUNTY, GEORGIA



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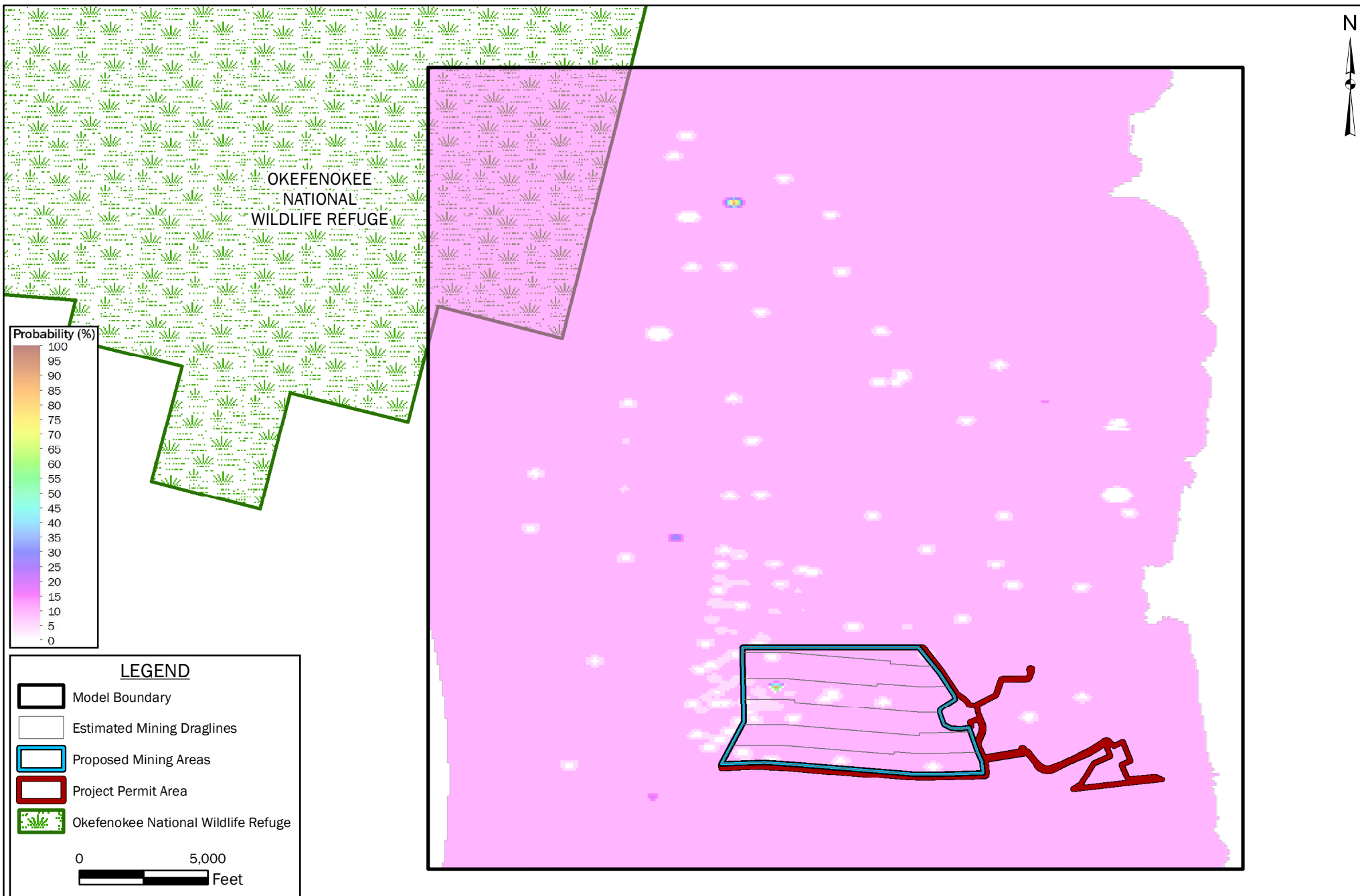


**FIGURE 92: PROBABILITY (%) OF CONSOLIDATED SAND SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 99' (EXPECTED VALUE = 5.54%)**

TWIN PINES MINERALS
ST. GEORGE, CHARLTON COUNTY, GEORGIA



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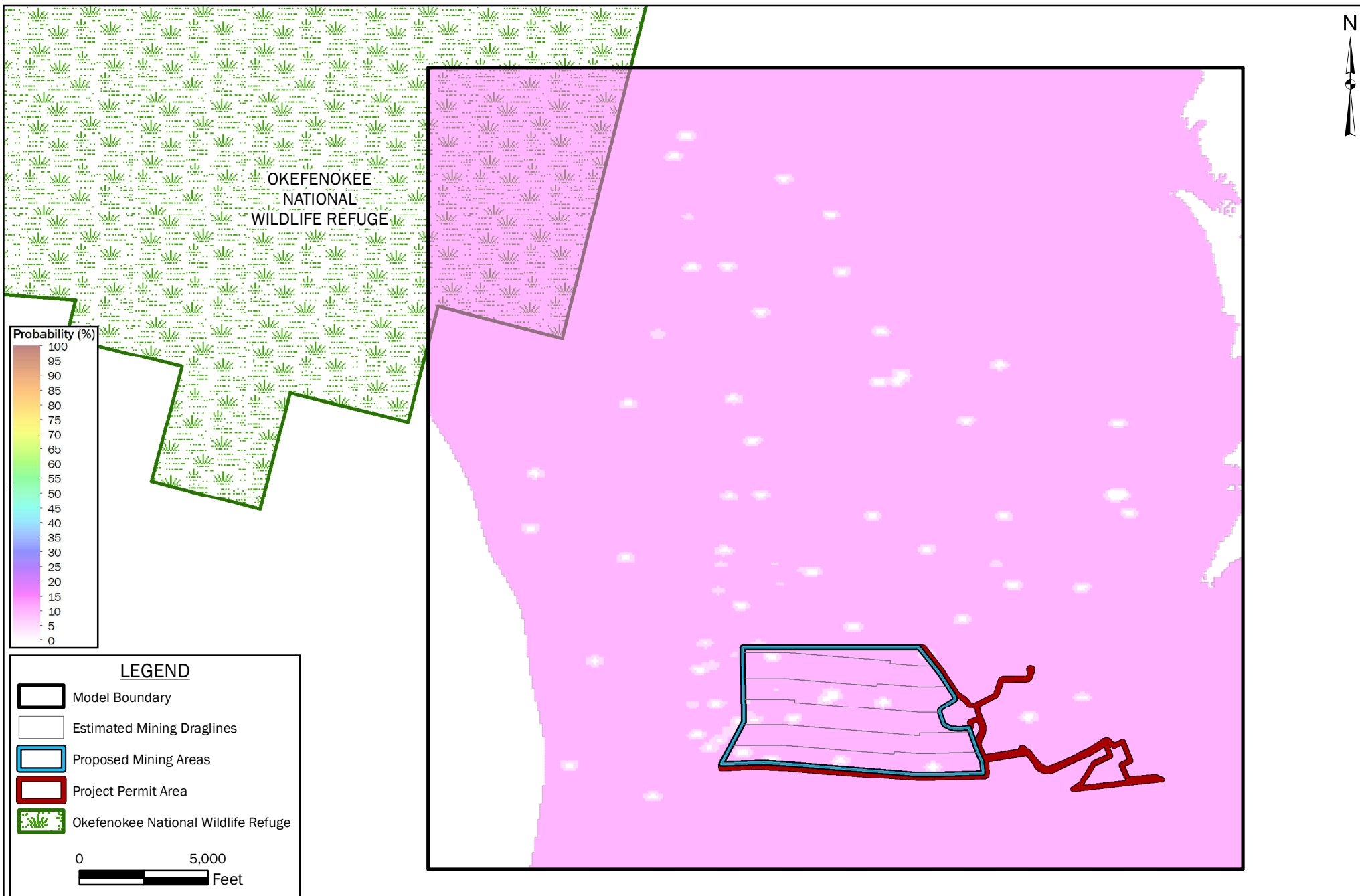
**FIGURE 93: PROBABILITY (%) OF CONSOLIDATED SAND SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 89' (EXPECTED VALUE = 5.54%)**

TWIN PINES MINERALS

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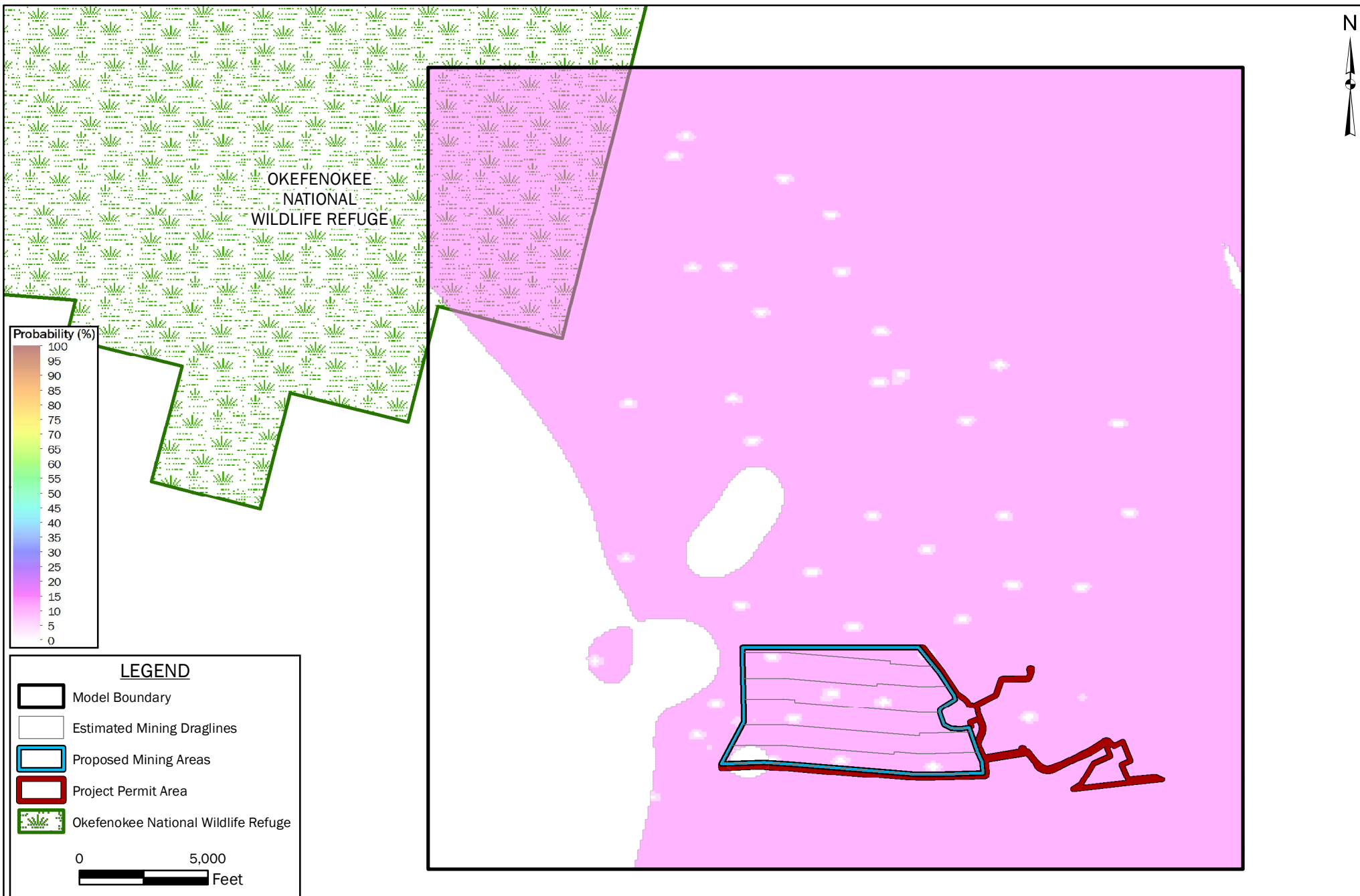


**FIGURE 94: PROBABILITY (%) OF CONSOLIDATED SAND SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 79' (EXPECTED VALUE = 5.54%)**

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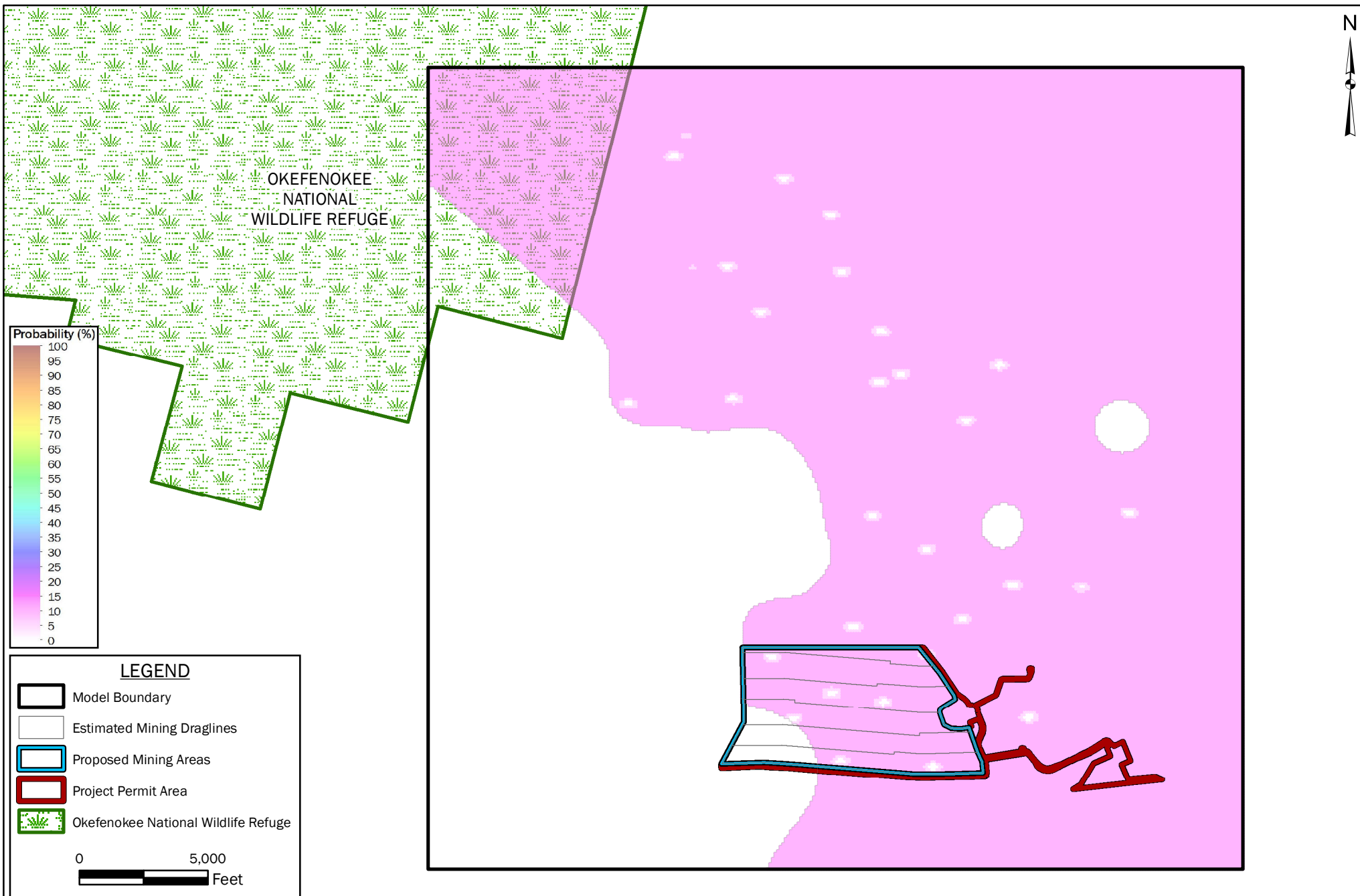


**FIGURE 95: PROBABILITY (%) OF CONSOLIDATED SAND SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 69' (EXPECTED VALUE = 5.54%)**

TWIN PINES MINERALS
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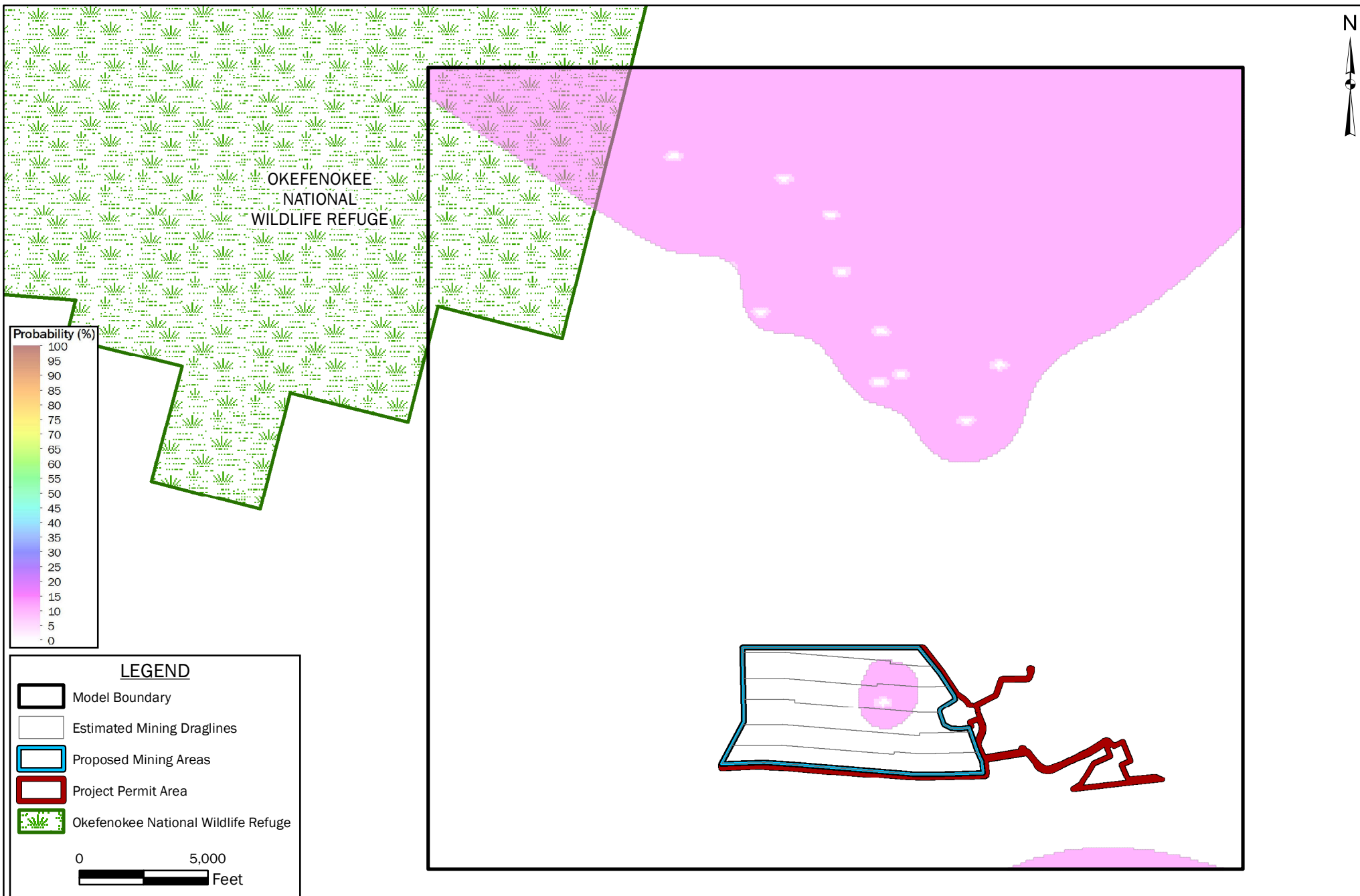
**FIGURE 96: PROBABILITY (%) OF CONSOLIDATED SAND SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 59' (EXPECTED VALUE = 5.54%)**

TWIN PINES MINERALS

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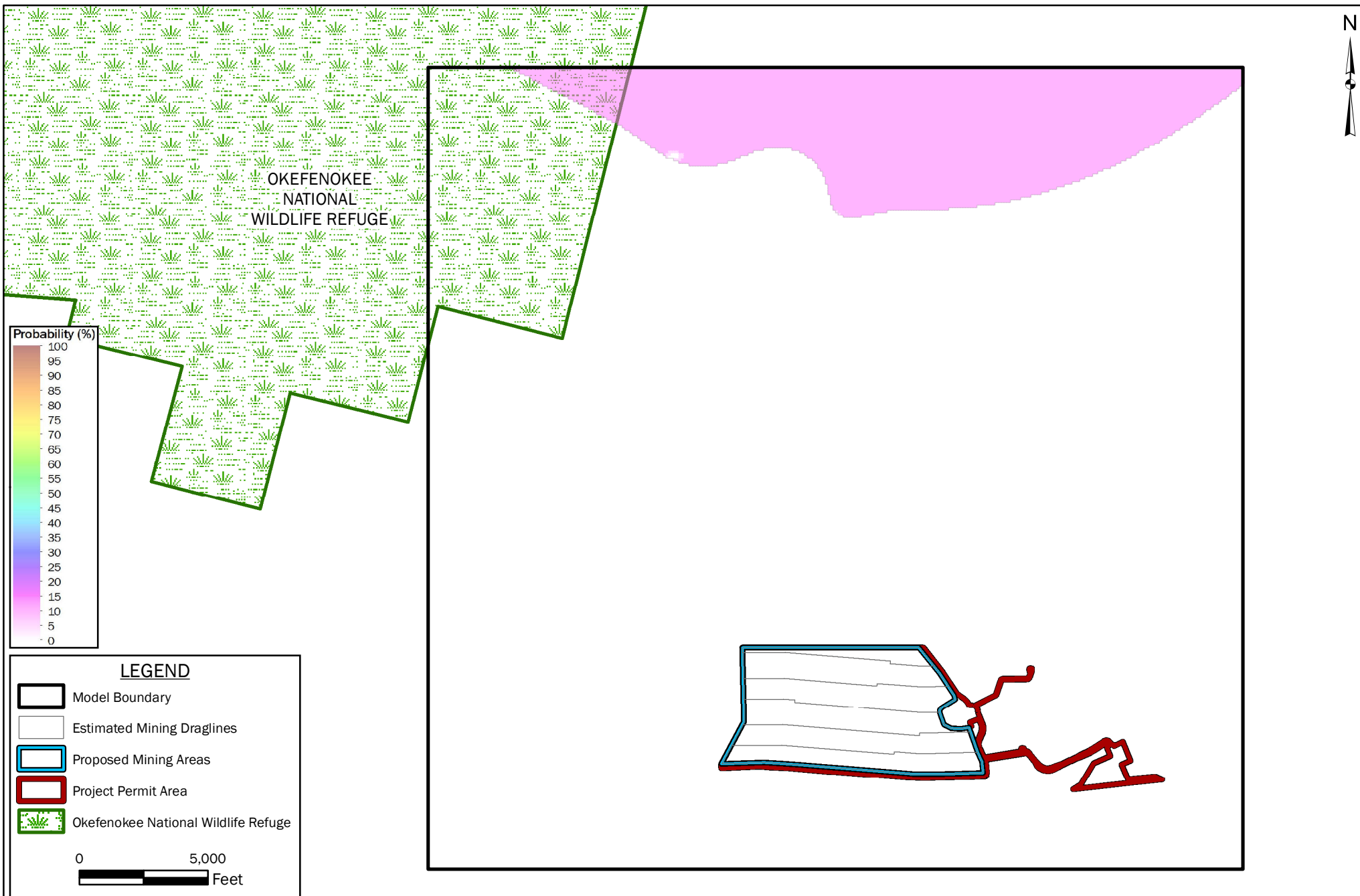
**FIGURE 97: PROBABILITY (%) OF CONSOLIDATED SAND SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 49' (EXPECTED VALUE = 5.54%)**

TWIN PINES MINERALS

ST. GEORGE, CHARLTON COUNTY, GEORGIA



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**FIGURE 98: PROBABILITY (%) OF CONSOLIDATED SAND SOIL PRESENCE
BOTTOM OF 10 FOOT LAYER = 39' (EXPECTED VALUE = 5.54%)**

TWIN PINES MINERALS
ST. GEORGE, CHARLTON COUNTY, GEORGIA



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