



# TECHNICAL DATA SHEET

## SCREENED SOIL

- \* CONSISTENT TEXTURE AND FREE OF DELETERIOUS MATERIALS
- \* NUTRIENT BALANCED
- \* SANDY LOAM TEXTURE
- \* MODERATE PH
- \* MEDIUM ORGANIC MATTER

### TYPICAL SIEVE ANALYSIS

	(% passing)
3.75 mm.....	100.0 %
2.36 mm.....	95.5 %
1.18 mm.....	88.0 %
0.60 mm.....	80.0 %
0.30 mm.....	70.3 %
0.15 mm.....	53.4 %
0.075 mm.....	34.7 %

### TYPICAL ANALYSIS

Sand.....	63-70 %
Silt.....	15-22 %
Clay.....	10-15 %
USDA Classification.....	Sandy Loam
Moisture.....	14.3 %
Organic Matter (OM).....	2.5-4.0 %
pH.....	6.0-7.0
Estimated Nitrogen Release (ENR).....	52 lbs/A
Phosphorus (P).....	14 ppm
Potassium (K).....	254 ppm
Magnesium (Mg).....	115 ppm
Calcium (Ca).....	967 ppm
Sodium (Na).....	36 ppm
Sulfur (SO <sub>4</sub> -S) (S).....	23 ppm
Zinc (Zn).....	3 ppm
Manganese (Mn).....	108 ppm
Iron (Fe).....	291 ppm
Copper (Cu).....	0.5 ppm
Boron (B).....	0.2 ppm
Soluble Salts.....	0.2 ms/cm
Acidity (H).....	1.7 meq/100g
Cation Exchange Capacity (CEC).....	7.5 meq/100g

### GENERAL INFORMATION

Composition	Native Soil Materials
Bulk Density*	1.4 tons/yd <sup>3</sup>
Textural Classification	Sandy Loam
Organic Matter	2.5-4.0 %
pH	6.0 - 7.0
Maximum Particle Size	3.75 mm

\*Rate prior to compaction



## APPLICATION

Fine turf topdressing material for native based rootzones.  
 Native rootzone material for athletic field construction.  
 Gardening, landscaping, and clean fill material.

For more information on Luck Stone Corporation and our products, please visit [www.luckstone.com](http://www.luckstone.com).

These products are mixes of natural materials, so results can vary.