

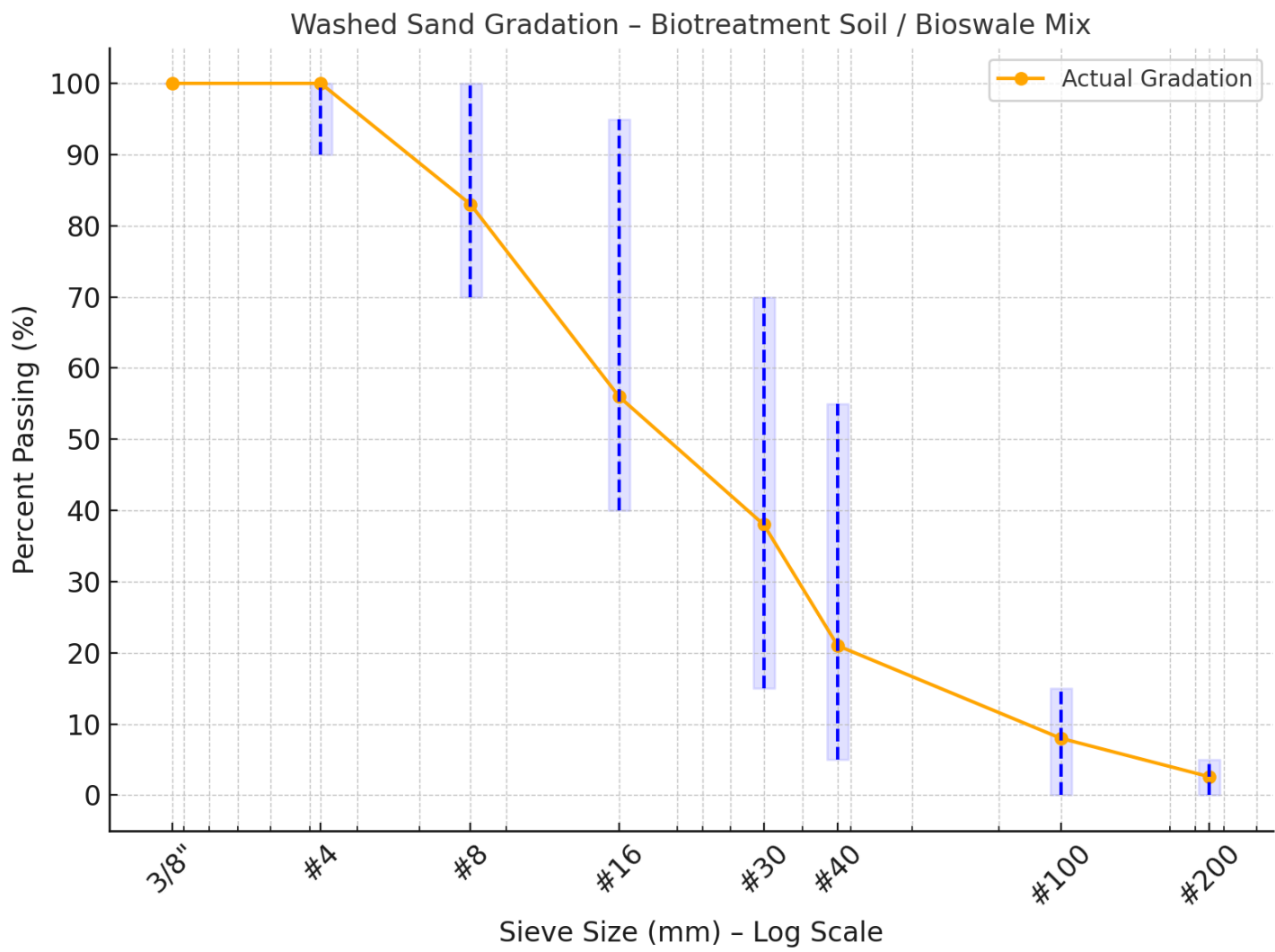
Data Sheet

BIOTREATMENT SOIL BIOSWAL MIX



WASHED SAND Gradation

SIEVE SIZE	PERCENT PASSING	STANDARD SPECIFICATION
3/8"	100 %	100 %
No.4	100 %	90 - 100 %
No.8	83 %	70 - 100 %
No.16	56 %	40 - 95 %
No.30	38 %	15 - 70 %
No.40	21 %	5 - 55 %
No.100	8 %	0 - 15 %
No.200	2.6 %	0 - 5 %



LAB ANALYSIS

SPECIFICATION	RESULT	STANDARD SPECIFICATION
Organic Matter Content	56 %	35 - 75 % dry weight
Carbon-to-Nitrogen Ratio	23 C:N	15:1 to 25:1 C:N
Salinity	2.5mm hos/cm	<6.0mm hos/cm
pH	7.9 pH	6.5 - 8.2
Bulk Density	520 dry lbs/yd ³	500 - 100 dry lbs/yd ³
Moisture Content	35.4 %	30% - 55 % (dry solids)
Percent inert ingredients (plastic, glass, paper etc)	< 0.5 %	< 1% (weight or volume)
Oxygen Test	-	< 1.3 O ₂ /unit TS/hr
Specific Oxygen Test	-	< 1.5 O ₂ /unit BVS/hr
Respiration Test	2.7 mgCO ₂ -C/g OM/day	< 8mg O ₂ /unit BVS/hr
Dewar Test	-	< 20 °C Temp. rise e.
Solvita Index Value	-	> 5 Index Value
Ratio of NH ₄ ⁺ : NO ₃ ⁻ -N	-	< 3 NH ₄ ⁺ : NO ₃ ⁻ -N
Ammonium	<10 ppm, dry	< 500 ppm, dry
Seed Germination	100% of control	> 80% of control
Plant Trails	100% of control	> 80% of control
Solvita Index Value	-	= 5 Index value
Boron (in ppm)	62 ppm	< 80 ppm
Nitrogen %	1.5 %	> 0.9% preferred.
Phosphorus (as P ₂ O ₅)	0.54 %	"unspecified"
Potassium (as K ₂ O)	0.92 %	"unspecified"
Calcium (Ca)	2.8 %	"unspecified"
Sodium (Na)	0.15 %	"unspecified"
Magnesium (Mg)	0.54 %	"unspecified"
Sulfur (S)	34 ppm	"unspecified"
Salmonella	< 3 MPN/4 grams TS	< 3 MPN/4 grams TS
Coliform Bacteria	-	< 10,000 MPN/gram
Sieve Size	Test Result	Standard (by weight %)
1 inch	100 %	99 - 100 %
½ inch	100 %	90 - 100 %
¼ inch	95.2 %	40 - 90 %
No. 200	3.7 %	1 - 10 %

All listed data is provided by the materials producer. North Bay Materials does not perform or offer in-house material testing.

Disclaimer – Material Limitations and Liability:

Please note: Due to natural shifting and separation that can happen during transportation, aggregate or material gradations are only guaranteed at the producer's facility—not at the jobsite. North Bay Materials and our suppliers make no claims or guarantees that this material will meet specific project requirements, specifications, or design standards. It is the buyer's responsibility to confirm suitability and obtain any necessary approvals or certifications prior to use. All materials are provided as *is*, with no warranties—express or implied—including but not limited to warranties of merchantability or fitness for a particular purpose. We do not guarantee how the material will perform once installed or in any finished work. By purchasing, the buyer agrees that North Bay Materials and our suppliers are not liable for any damages—including indirect, incidental, special, or consequential losses such as lost profits—whether based on warranty, contract, negligence, or any other legal theory, even if those damages were foreseeable.



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