

SOIL CONTROL LAB

42 HANGAR WAY
WATSONVILLE
CALIFORNIA
95076
USA

Account #: 2020485-2/2-2878
Group: Feb22D #17
Reporting Date: March 9, 2022

Paul Szura
Nortech Waste
3033 Fiddymont Road, Roseville CA
Attn: Paul Szura

Date Received: 23 Feb. 22
Sample Identification: Unscreened Gold North Pad West
Sample ID #: 2020485 - 1/2

Guaranteed Analysis

pHs (saturated paste)	7.71	units
Total Nitrogen (N)	1.36	%
Ammoniacal Nitrogen	0.00	%
Nitrate Nitrogen	0.00	%
Water Soluble Organic Nitrogen or Other recognized and determined forms of nitrogen	0.00	%
Water Insoluble Organic Nitrogen or Water Insoluble Nitrogen	1.36	%
Available Phosphoric Acid (P2O5)	0.32	%
Total Phosphoric Acid (P2O5)	0.45	%
Insoluble Phosphoric Acid (P2O5)	0.13	%
Soluble Potash (K2O)	0.64	%
Total Potash (K2O)	0.72	%

Secondary and Micronutrients and Trace Metals

Calcium (Ca)	2.6 %	Aluminum (Al)	5400 mg/kg
Magnesium (Mg)	0.35 %	Arsenic (As)	2.5 mg/kg
Sulfate (SO4-S)	0.055 %	Cadmium (Cd)	< 1.0 mg/kg
Copper (Cu)	0.0045 %	Chromium (Cr)	23 mg/kg
Zinc (Zn)	0.013 %	Cobalt (Co)	3.8 mg/kg
Iron (Fe)	0.85 %	Lead (Pb)	17 mg/kg
Manganese (Mn)	0.036 %	Mercury (Hg)	< 1.0 mg/kg
Boron (B)	0.0035 %	Molybdenum (Mo)	1.1 mg/kg
Sodium (Na)	0.045 %	Nickel (Ni)	13 mg/kg
Chloride (Cl)	0.11 %	Selenium (Se)	< 1.0 mg/kg
Moisture*	55.60 %	Total Carbon (C)	35 %
		Conductivity (EC5)	2100 umhos/cm

Analyst: Assaf Sadeh

*All values are reported on a dry weight basis.



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Paul Szura
Nortech Waste
3033 Fiddymment Road, Roseville CA
Attn: Paul Szura

Date Received: 23 Feb. 22
Sample Identification: Unscreened Gold North Pad West
Sample ID #: 2020485 - 2/2

Guaranteed Analysis

pHs (saturated paste)	7.71	units
Total Nitrogen (N)	0.60	%
Ammoniacal Nitrogen	0.00	%
Nitrate Nitrogen	0.00	%
Water Soluble Organic Nitrogen or Other recognized and determined forms of nitrogen	0.00	%
Water Insoluble Organic Nitrogen or Water Insoluble Nitrogen	0.60	%
Available Phosphoric Acid (P2O5)	0.14	%
Total Phosphoric Acid (P2O5)	0.20	%
Insoluble Phosphoric Acid (P2O5)	0.06	%
Soluble Potash (K2O)	0.28	%
Total Potash (K2O)	0.32	%

Secondary and Micronutrients and Trace Metals

Calcium (Ca)	1.2 %	Aluminum (Al)	2400 mg/kg
Magnesium (Mg)	0.16 %	Arsenic (As)	1.1 mg/kg
Sulfate (SO4-S)	0.025 %	Cadmium (Cd)	< 1.0 mg/kg
Copper (Cu)	0.0020 %	Chromium (Cr)	10 mg/kg
Zinc (Zn)	0.0058 %	Cobalt (Co)	1.7 mg/kg
Iron (Fe)	0.38 %	Lead (Pb)	7.5 mg/kg
Manganese (Mn)	0.016 %	Mercury (Hg)	< 1.0 mg/kg
Boron (B)	0.0016 %	Molybdenum (Mo)	0.5 mg/kg
Sodium (Na)	0.020 %	Nickel (Ni)	5.8 mg/kg
Chloride (Cl)	0.049 %	Selenium (Se)	< 1.0 mg/kg
		Total Carbon (C)	16 %
		Conductivity (EC5)	2100 umhos/cm

Analyst: Assaf Sadeh



*All values are reported on an "as received" basis
except Conductivity (EC5).