

BRIGHAM YOUNG UNIVERSITY
Environmental Analytical Laboratory
244 WIDB
Provo, UT 84602
801-422-2147

**Plant and Wildlife Sciences
Department**

Name CMT Engineering Laboratories
Street 2800 S. Redwood Rd.
West Valley City Utah 84119
City State Zip

**SOIL TEST REPORT
AND
RECOMMENDATIONS**

Date: 31-Jan-13
Telephone: 801-887-0086
Fax: 801-887-0087

Sample Identification	Crop to be grown	pH	% Sand	% Silt	% Clay	Soil Texture	Cation Exchange meq/100g	% Organic Matter
Bluffdale pit	Turf	7.2	68.9	20.0	11.1	Sandy Loam		0.3

Test	Results	Very Low	Low	Medium	High	Very High	Recommendations
Nitrate-Nitrogen ppm N	12		X				apply 2.1 lbs of N/1000 sq ft
Phosphorus ppm P	7	X					apply 2.1 lbs of P2O5/1000 sq ft
Potassium ppm K	125				X		no fertilizer needed
Salinity-ECEc dS/m	1.6		X				no salinity problem
Iron ppm Fe	11.6				X		no fertilizer needed
SAR-Sodium Absorption Ratio	0.3	X					no sodium hazard
Calcium-SAR ppm Ca	193						
Magnesium SAR ppm Mg	52						
Sodium SAR ppm Na	21						
Gravel >1/4" % gravel	0.0						
>2mm <1/4" % gravel	13.4						

Notes:

Prepared for: **Asphalt Materials Inc.**
Location: **Bluffdale Pit**
Material: **Screened Topsoil**

