



DESIGN STANDARDS FOR: SPORTS FIELD MIX

Field Mix

1. Field mix shall meet the grain size data shown in the attached sieve analysis entitled, "Squalicum Creek Park."
2. Submission of a 1-lb. sample of Field Mix in a labeled plastic bag is required for approval by Project Manager.
3. Field Mix shall be free from weeds, weed seed, deleterious materials, and foreign materials, resin, tannin, or other compounds detrimental to plant life.

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**PERMEABILITY REPORT • SOILS
CONSTANT-HEAD METHOD
ASTM D5084**

PROJECT: Squalicum Creek Park
ADDRESS: Bellingham, WA
CLIENT: City of Bellingham – Parks Department

JOB #: 06-0258
REPORT #: S1
TEST DATE: 5-14 to 5-22-06
LAB #: 4204

SOIL TYPE: SAND with Silt (SP-SM)
SOURCE: Geri 4 – Left Field, ~20' inside of fence

Test Results:

TEST #	WET DENSITY (PCF)	DRY DENSITY (PCF)	INITIAL MOISTURE CONTENT (%)	COMPACTION (%)	PERMEABILITY CM/SEC
1	131.7	111.7	17.9	92.7	3.6×10^{-4}
2	92.7	83.5	11.0	69.3	1.7×10^{-4}

Comments: The above sample was remolded and compacted to bracket the dry density obtained in the field (88.6 pcf). The sample was then tested for permeability in general accordance with ASTM D5084.

Copies:

Submitted By: David B. Balis (For)
Grant Richardson
Technical Director

s01-Permeability

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The above test results relate only to the sample (or location) tested.

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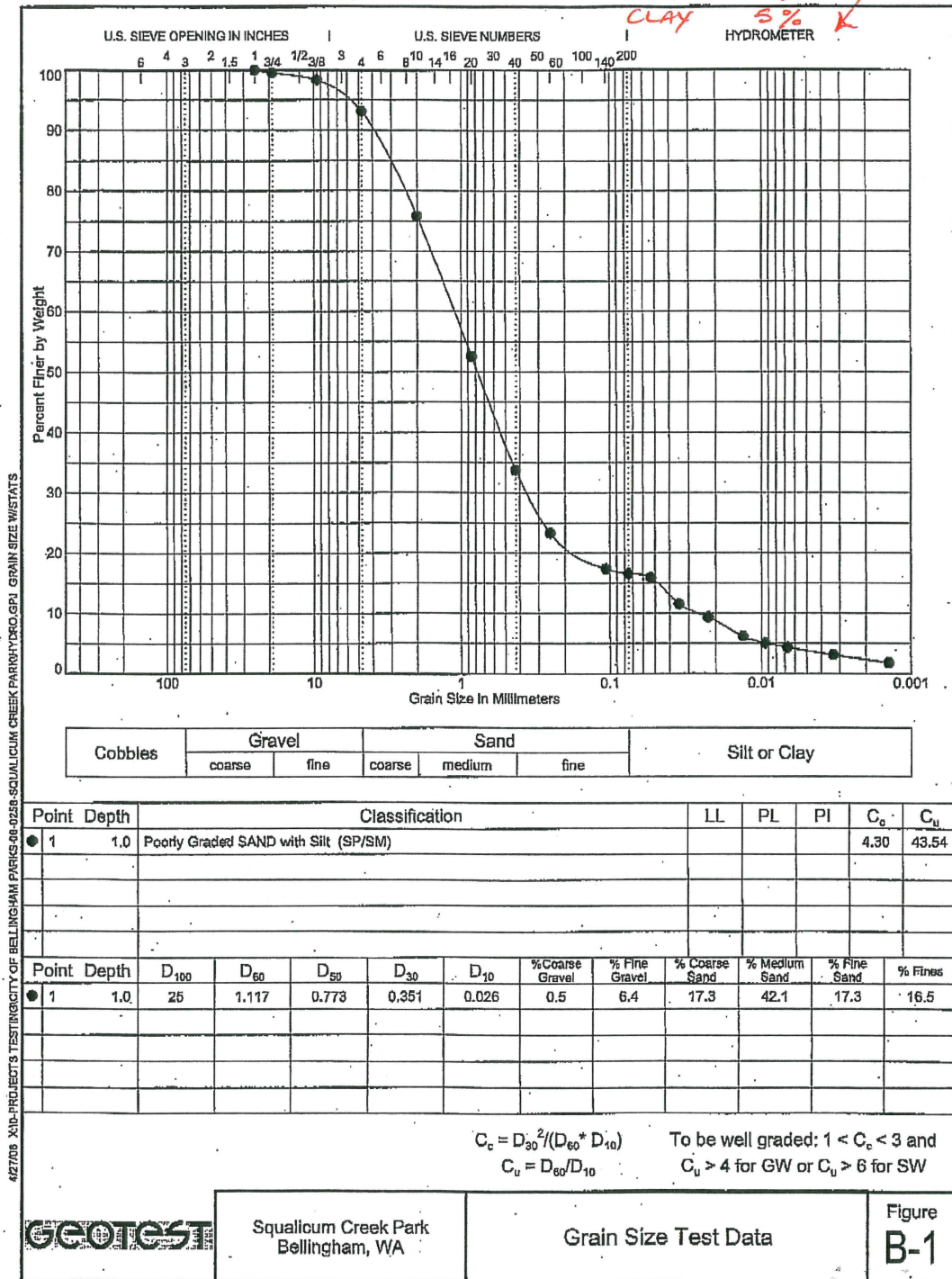
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P. 002

JAS

Grvi 4

GRAVEL 7%
SAND 77%
SILT 11%
CLAY 5%



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P. 001



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To: JONATHAN SCHILK
Fax: 647-6367
From: DAVID BUFALINI
Date: 4-27-06
Re: LAB RESULTS
Pages: 2 including this page.

Urgent

For Review

Comment

Reply

Hard Copy Following

✧ Comments:

GRAVEL - 79%
SAND - 77%
SILT - 11%
CLAY - 5%

STW
40% C-33 SAND - CLEAN
40% SPECIAL SANDVUST
20% SANDY LOAM

Copy: _____

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