



SYMBOL	TEST LOCATION
●	GB-1
●	GB-2
▲	GB-3
■	GB-4

UNCORRECTED VANE STRENGTHS

- $d = 20 - 40$ ft
 $S_u = 530 + 16(d - 17)$
- $d = 40$ ft - 90 ft
 $S_u = 500 + 10.4(d - 17)$

RECOMMENDED CORRECTION FACTOR

$\mu_{FV} = 0.80$

$(S_u)_{desi\ gr} = \mu \times S_{uFV}$

**UNDRAINED SHEAR STRENGTH FROM
IN-SITU FIELD VANE TESTS**

Solids Handling Upgrade Project
Southeast Water Pollution Control Plant
City and County of San Francisco
San Francisco, California