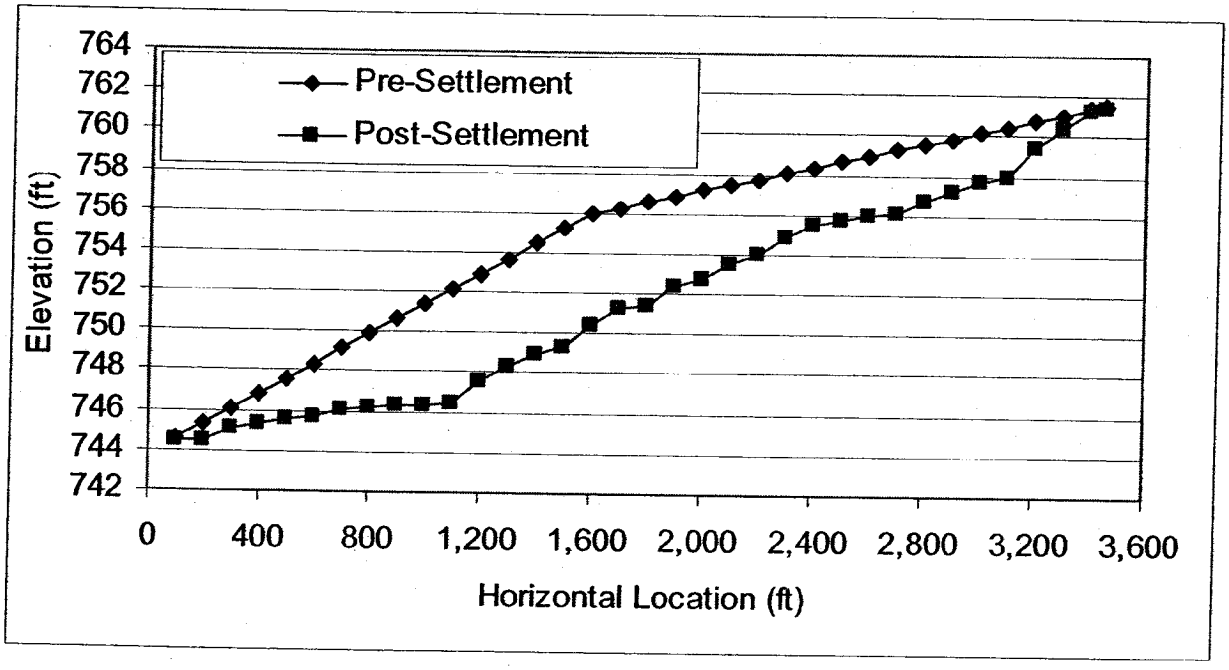
FIGURE 4
PRE- AND POST-SETTLEMENT GRADES
CENTERLINE OF DRAINAGE CORRIDOR



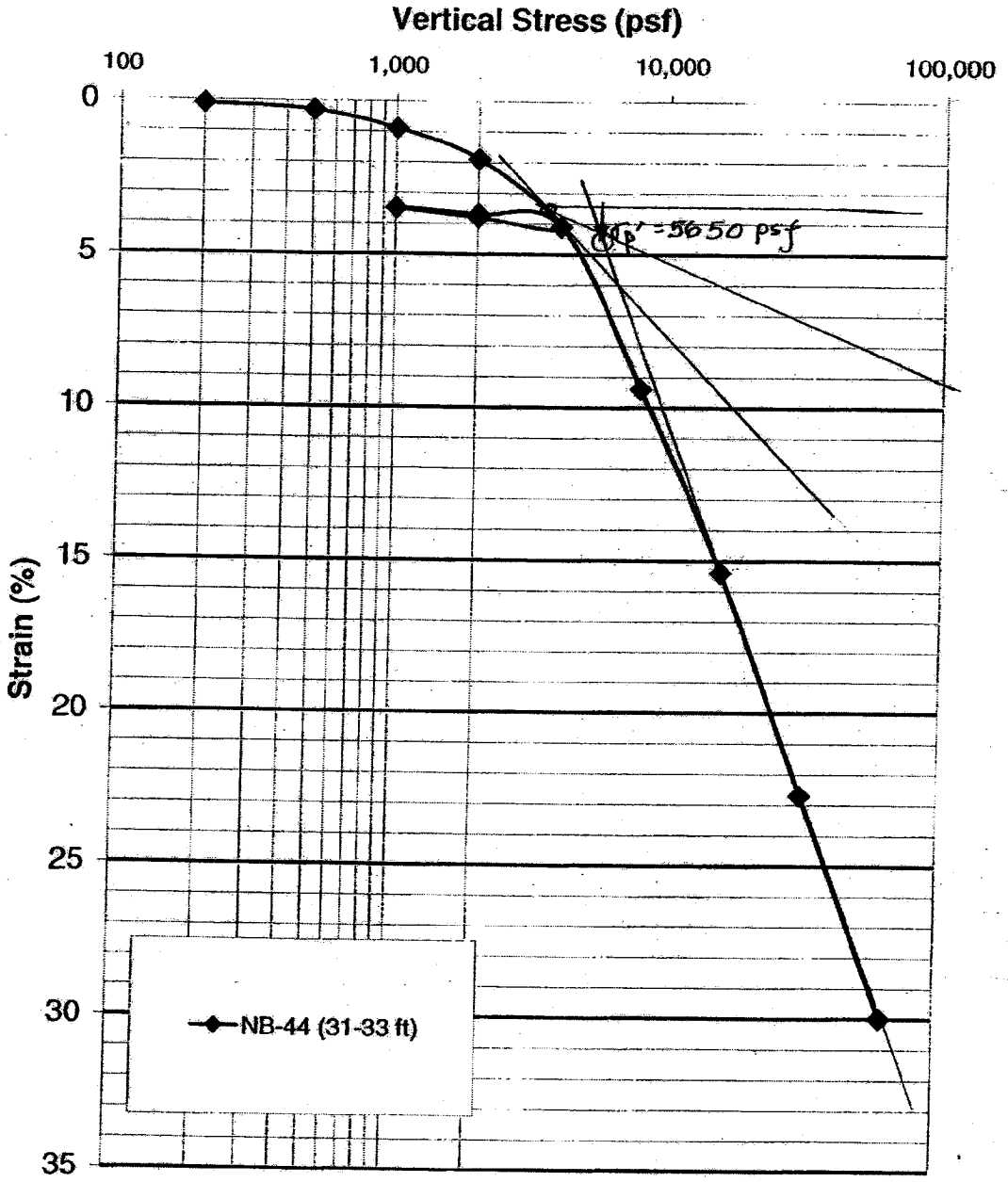
Written by: JFR Date: 5/23/2006 Reviewed by: PJS Date: 5/4/2006

Client: TVA Project: Kingston Fossil Plant Gypsum Stack Project/Proposal No.: GR3731 Task No.: 06

ATTACHMENT A
PRECONSOLIDATION STRESS CALCULATIONS
CASAGRANDE CONSTRUCTION

Written by: JFR Date: 5/23/2006 Reviewed by: PJS Date: 5/4/2006

Client: TVA Project: Kingston Fossil Plant Gypsum Stack Project/Proposal No.: GR3731 Task No.: 06

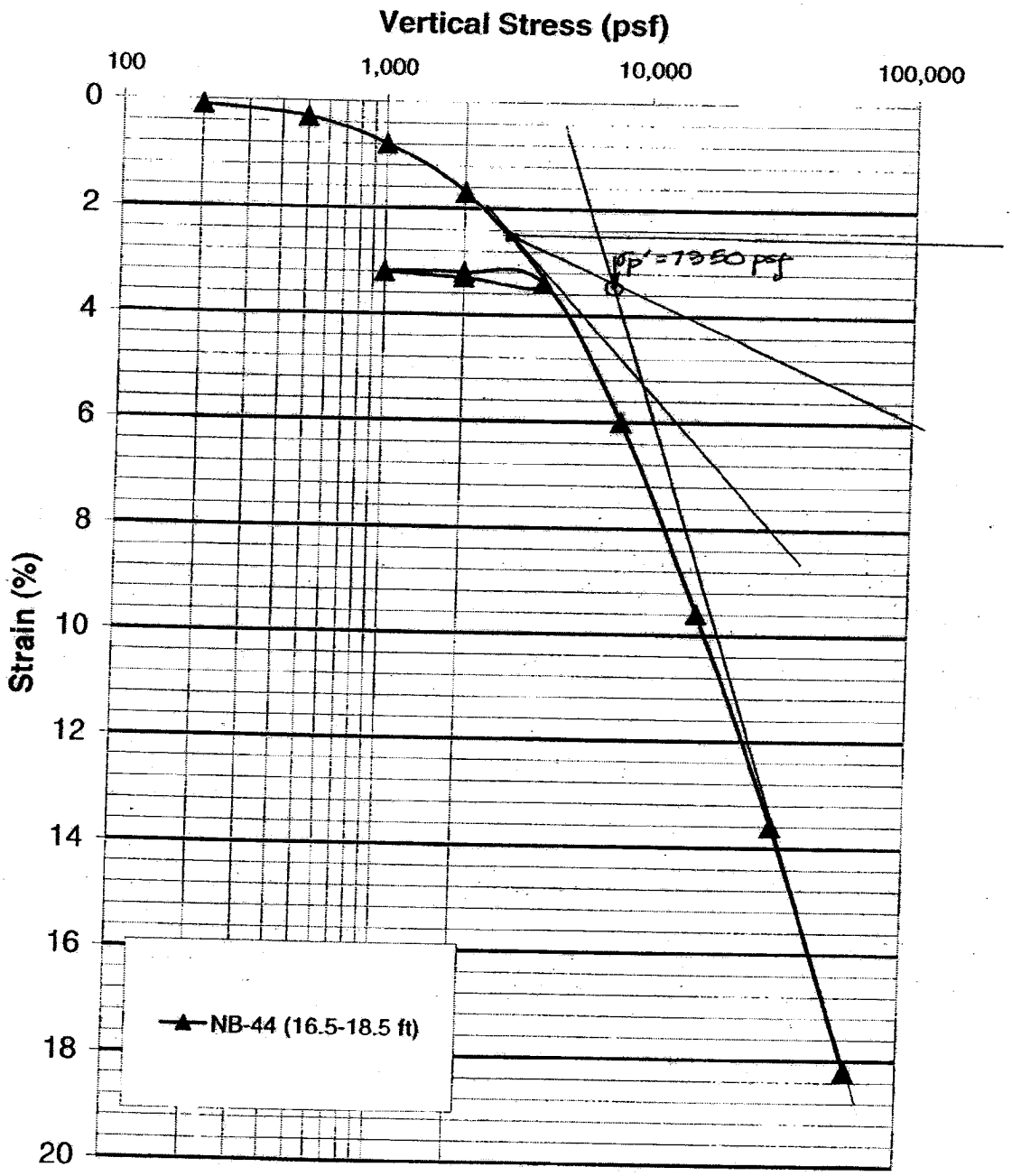


$C_{RE} = \frac{(4.1 - 3.5)/100}{\log\left(\frac{4000}{1000}\right)} = 0.01$

$C_{CE} = \frac{(30 - 15.4)/100}{\log\left(\frac{64000}{16000}\right)} = 0.24$

Written by: JFR Date: 5/23/2006 Reviewed by: PJS Date: 5/4/2006

Client: TVA Project: Kingston Fossil Plant Gypsum Stack Project/Proposal No.: GR3731 Task No.: 06

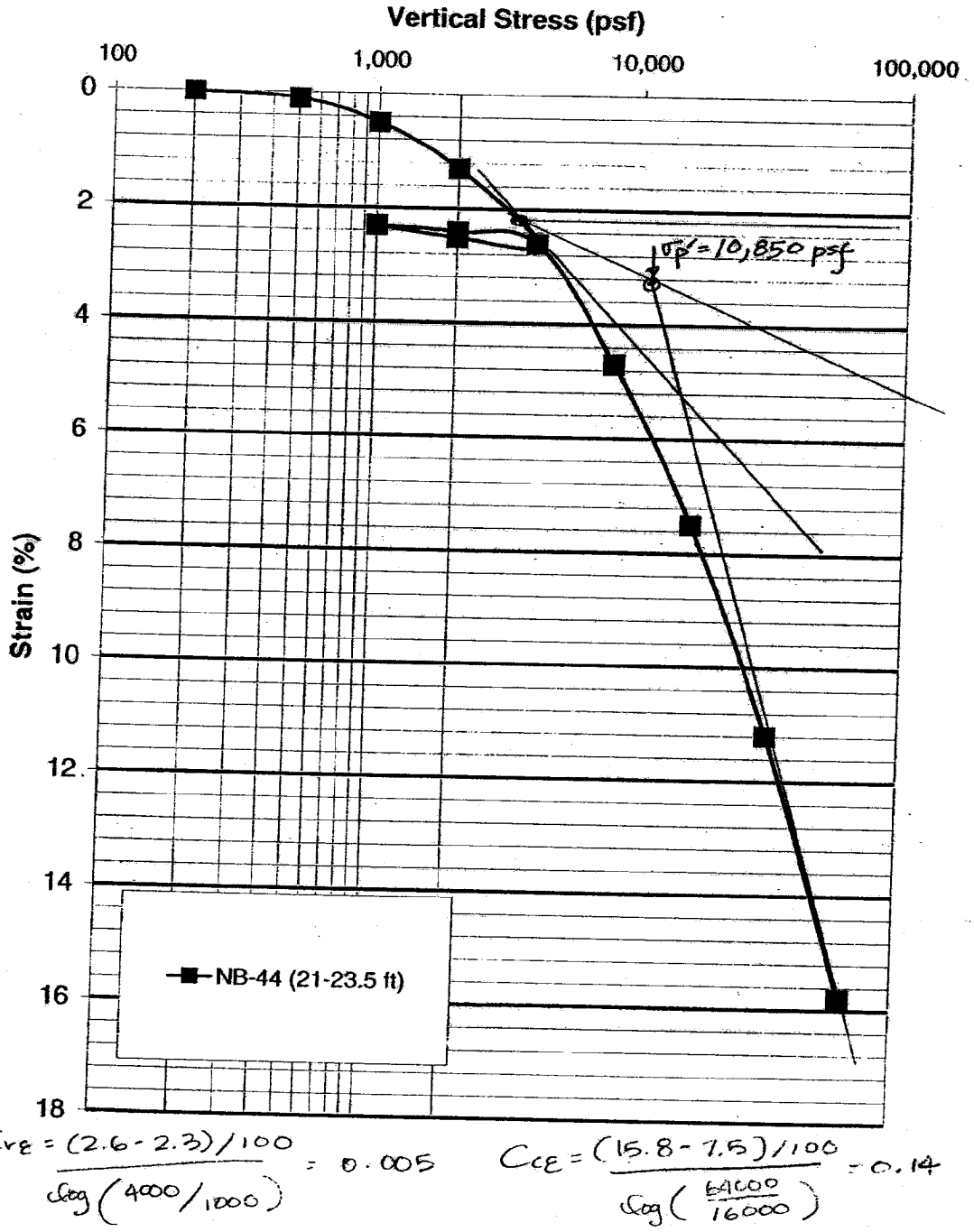


$C_{r\varepsilon} = \frac{(3.4 - 3.2)/100}{\log(4000/1000)} = 0.003$

$C_{c\varepsilon} = \frac{(18.2 - 9.6)/100}{\log(64000/16000)} = 0.14$

Written by: JFR Date: 5/23/2006 Reviewed by: PJS Date: 5/4/2006

Client: TVA Project: Kingston Fossil Plant Gypsum Stack Project/Proposal No.: GR3731 Task No.: 06

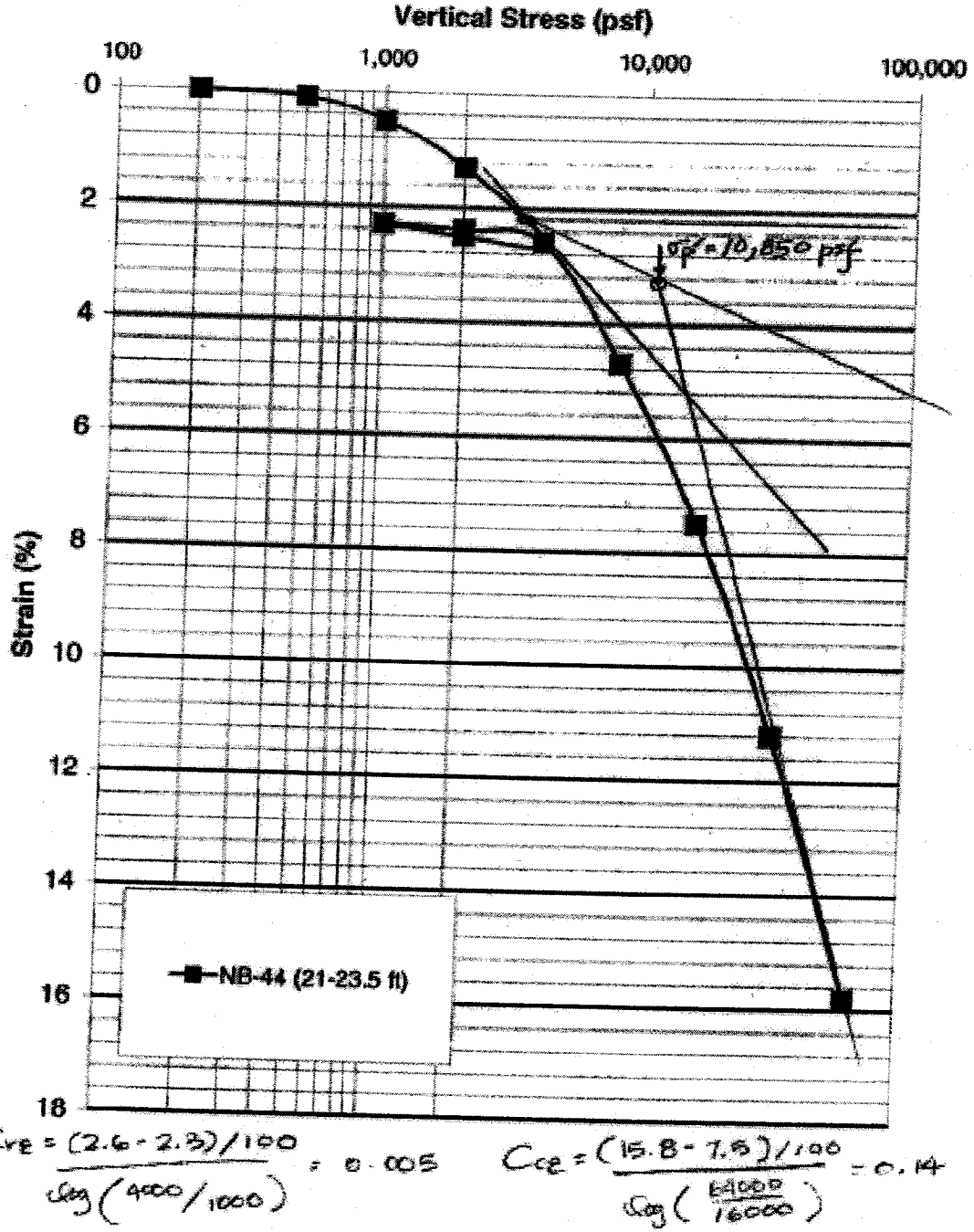


$C_{re} = \frac{(2.6 - 2.3)/100}{\log(4000/1000)} = 0.005$

$C_{ce} = \frac{(15.8 - 7.5)/100}{\log(\frac{64000}{16000})} = 0.14$

Written by: JFR Date: 5/23/2006 Reviewed by: PJS Date: 5/4/2006

Client: TVA Project: Kingston Fossil Plant Gypsum Stack Project/Proposal No.: GR3731 Task No.: 06



$C_{re} = \frac{(2.6 - 2.3)/100}{\log(4000/1000)} = 0.005$

$C_{cc} = \frac{(15.8 - 7.8)/100}{\log(\frac{10850}{16000})} = 0.14$

ATTACHMENT B
SETTLEMENT CALCULATIONS

Fill Material					
γ	117 pcf				
Residual Soil (N>4)					
γ	120 pcf	Thickness of Calculation Layers			
Residual Soil (N<4)		10 ft			
γ	105 pcf		Fill	N>4	N<4
Gypsum		C_{sl}	0.14	0.14	0.24
wet	100 pcf	C_{rr}	0.0037	0.0037	0.01
γdry	107 pcf	σ_p'	1000	9121	5850 psf

Calculation of Settlement in the Geologic Buffer

Horizontal Location (ft)	Point	Thickness of Geologic Buffer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sl}	C_{rr}	H_b (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
3450	1	3	0	0	0	0.14	0.0037	3	1.5	175.5	1000	0

0

Horizontal Location (ft)	Point	Thickness of Geologic Buffer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sl}	C_{rr}	H_b (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
3400	1	3	56	0	5600	0.14	0.0037	3	1.5	175.5	1000	0.328256

0.328256

Horizontal Location (ft)	Point	Thickness of Geologic Buffer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sl}	C_{rr}	H_b (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
3300	1	3	80	0	8000	0.14	0.0037	3	1.5	175.5	1000	0.361645

0.361645

Horizontal Location (ft)	Point	Thickness of Geologic Buffer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sl}	C_{rr}	H_b (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
3200	1	3	95	0	9500	0.14	0.0037	3	1.5	175.5	1000	0.422371

0.422371

Calculation of Settlement in the Fill Layer

Horizontal Location (ft)	Point	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sl}	C_{rr}	H_b (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
3450	1	42.5	0	0	351	0.14	0.0037	42.5	21.25	2486.25	1000	0

0

Horizontal Location (ft)	Point	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sl}	C_{rr}	H_b (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
3400	1	0	56	0	5951	0.14	0.0037	0	0	0	1000	0

0

Horizontal Location (ft)	Point	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sl}	C_{rr}	H_b (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
3300	1	2.5	80	0	8351	0.14	0.0037	2.5	1.25	146.25	1000	0.33297

0.33297

Horizontal Location (ft)	Point	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sl}	C_{rr}	H_b (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
3200	1	5	95	0	9951	0.14	0.0037	5	2.5	292.5	1000	0.714208

0.714208

Horizontal Location (ft)	Point	Thickness of Geologic Buffer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{ve}'$ (psf)	C_{ss}	C_{rr}	H_s (ft)	Depth to Point (ft)	σ_{ve}' (psf)	σ_p' (psf)	S_c (ft)
3100	1	3	104	0	10400	0.14	0.0037	3	1.5	175.5	1000	0.438595

0.438595

Horizontal Location (ft)	Point	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{ve}'$ (psf)	C_{ss}	C_{rr}	H_s (ft)	Depth to Point (ft)	σ_{ve}' (psf)	σ_p' (psf)	S_c (ft)
3100	1	9	104	0	10751	0.14	0.0037	9	4.5	526.5	1000	1.335066

1.335066

Horizontal Location (ft)	Point	Thickness of Geologic Buffer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{ve}'$ (psf)	C_{ss}	C_{rr}	H_s (ft)	Depth to Point (ft)	σ_{ve}' (psf)	σ_p' (psf)	S_c (ft)
3000	1	3	116	0	11600	0.14	0.0037	3	1.5	175.5	1000	0.461272

0.461272

Horizontal Location (ft)	Point	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{ve}'$ (psf)	C_{ss}	C_{rr}	H_s (ft)	Depth to Point (ft)	σ_{ve}' (psf)	σ_p' (psf)	S_c (ft)
3000	1	11	116	0	12151	0.14	0.0037	11	5.5	643.5	1000	1.712608

1.712608

Horizontal Location (ft)	Point	Thickness of Geologic Buffer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{ve}'$ (psf)	C_{ss}	C_{rr}	H_s (ft)	Depth to Point (ft)	σ_{ve}' (psf)	σ_p' (psf)	S_c (ft)
2900	1	3	125	0	12500	0.14	0.0037	3	1.5	175.5	1000	0.471634

0.471634

Horizontal Location (ft)	Point	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{ve}'$ (psf)	C_{ss}	C_{rr}	H_s (ft)	Depth to Point (ft)	σ_{ve}' (psf)	σ_p' (psf)	S_c (ft)
2900	1	11	125	0	12851	0.14	0.0037	11	5.5	643.5	1000	1.748234

1.748234

Horizontal Location (ft)	Point	Thickness of Geologic Buffer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{ve}'$ (psf)	C_{ss}	C_{rr}	H_s (ft)	Depth to Point (ft)	σ_{ve}' (psf)	σ_p' (psf)	S_c (ft)
2800	1	3	140	0	14000	0.14	0.0037	3	1.5	175.5	1000	0.492035

0.492035

Horizontal Location (ft)	Point	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{ve}'$ (psf)	C_{ss}	C_{rr}	H_s (ft)	Depth to Point (ft)	σ_{ve}' (psf)	σ_p' (psf)	S_c (ft)
2800	1	10	140	0	14351	0.14	0.0037	10	5	585	1000	1.652543

1.652543

Horizontal Location (ft)	Point	Thickness of Geologic Buffer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{ec}	C_{rc}	H_o (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
2700	1	3	152	0	15200	0.14	0.0037	3	1.5	175.5	1000	0.506857

0.506857

Horizontal Location (ft)	Point	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{ec}	C_{rc}	H_o (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
2700	1	7	152	0	15551	0.14	0.0037	7	3.5	409.5	1000	1.189028

1.189028

Horizontal Location (ft)	Point	Thickness of Geologic Buffer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{ec}	C_{rc}	H_o (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
2600	1	3	150	15	16805	0.14	0.0037	3	1.5	175.5	1000	0.522807

0.522807

Horizontal Location (ft)	Point	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{ec}	C_{rc}	H_o (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
2600	1	5	150	15	16856	0.14	0.0037	5	2.5	292.5	1000	0.875603

0.875603

Horizontal Location (ft)	Point	Thickness of Geologic Buffer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{ec}	C_{rc}	H_o (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
2500	1	3	144	41	18787	0.14	0.0037	3	1.5	175.5	1000	0.545105

0.545105

Horizontal Location (ft)	Point	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{ec}	C_{rc}	H_o (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
2500	1	4	144	41	19138	0.14	0.0037	4	2	234	1000	0.730153

0.730153

Horizontal Location (ft)	Point	Thickness of Geologic Buffer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{ec}	C_{rc}	H_o (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
2400	1	3	146	59	20813	0.14	0.0037	3	1.5	175.5	1000	0.564488

0.564488

Horizontal Location (ft)	Point	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{ec}	C_{rc}	H_o (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
2400	1	2.5	146	59	21264	0.14	0.0037	2.5	1.25	146.25	1000	0.47344

0.47344

Horizontal Location (ft)	Point	Thickness of Geologic Buffer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{ec}	C_{rc}	H_o (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
2300	1	3	150	70	22490	0.14	0.0037	3	1.5	175.5	1000	0.577642

0.577642

Horizontal Location (ft)	Point	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{ec}	C_{rc}	H_o (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
2300	1	0	150	70	22841	0.14	0.0037	0	0	0	1000	0

0

Horizontal Location (ft)	Point	Thickness of Geologic Buffer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vw}'$ (psf)	C_{ss}	C_m	H_s (ft)	Depth to Point (ft)	σ_{vw}' (psf)	σ_p' (psf)	S_s (ft)
2200	1	3	150	70	22480	0.14	0.0037	3	1.5	175.5	1000	0.577642

0.577642

Horizontal Location (ft)	Point	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vw}'$ (psf)	C_{ss}	C_m	H_s (ft)	Depth to Point (ft)	σ_{vw}' (psf)	σ_p' (psf)	S_s (ft)
2200	1	0	150	70	22841	0.14	0.0037	0	0	0	1000	0

0

Horizontal Location (ft)	Point	Thickness of Geologic Buffer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vw}'$ (psf)	C_{ss}	C_m	H_s (ft)	Depth to Point (ft)	σ_{vw}' (psf)	σ_p' (psf)	S_s (ft)
2100	1	3	152	73	23011	0.14	0.0037	3	1.5	175.5	1000	0.581787

0.581787

Horizontal Location (ft)	Point	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vw}'$ (psf)	C_{ss}	C_m	H_s (ft)	Depth to Point (ft)	σ_{vw}' (psf)	σ_p' (psf)	S_s (ft)
2100	1	0	152	73	23362	0.14	0.0037	0	0	0	1000	0

0

Horizontal Location (ft)	Point	Thickness of Geologic Buffer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vw}'$ (psf)	C_{ss}	C_m	H_s (ft)	Depth to Point (ft)	σ_{vw}' (psf)	σ_p' (psf)	S_s (ft)
2000	1	3	152	73	23011	0.14	0.0037	3	1.5	175.5	1000	0.581787

0.581787

Horizontal Location (ft)	Point	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vw}'$ (psf)	C_{ss}	C_m	H_s (ft)	Depth to Point (ft)	σ_{vw}' (psf)	σ_p' (psf)	S_s (ft)
2000	1	2	152	73	23362	0.14	0.0037	2	1	117	1000	0.390666

0.390666

Horizontal Location (ft)	Point	Thickness of Geologic Buffer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vw}'$ (psf)	C_{ss}	C_m	H_s (ft)	Depth to Point (ft)	σ_{vw}' (psf)	σ_p' (psf)	S_s (ft)
1900	1	3	152	73	23011	0.14	0.0037	3	1.5	175.5	1000	0.581787

0.581787

Horizontal Location (ft)	Point	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vw}'$ (psf)	C_{ss}	C_m	H_s (ft)	Depth to Point (ft)	σ_{vw}' (psf)	σ_p' (psf)	S_s (ft)
1900	1	2.5	152	73	23362	0.14	0.0037	2.5	1.25	146.25	1000	0.48765

0.48765

Horizontal Location (ft)	Point	Thickness of Geologic Buffer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vw}'$ (psf)	C_{ss}	C_m	H_s (ft)	Depth to Point (ft)	σ_{vw}' (psf)	σ_p' (psf)	S_s (ft)
1800	1	3	152	73	23011	0.14	0.0037	3	1.5	175.5	1000	0.581787

0.581787

Horizontal Location (ft)	Point	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vw}'$ (psf)	C_{ss}	C_m	H_s (ft)	Depth to Point (ft)	σ_{vw}' (psf)	σ_p' (psf)	S_s (ft)
1800	1	2.5	152	73	23362	0.14	0.0037	2.5	1.25	146.25	1000	0.48765

0.48765

Horizontal Location (ft)	Point	Thickness of Geologic Buffer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{ec}	C_{rc}	H_g (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
1700	1	3	148	77	23039	0.14	0.0037	3	1.5	175.5	1000	0.582007

0.582007

Horizontal Location (ft)	Point	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{ec}	C_{rc}	H_g (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
1700	1	0	148	77	23390	0.14	0.0037	0	0	0	1000	0

0

Horizontal Location (ft)	Point	Thickness of Geologic Buffer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{ec}	C_{rc}	H_g (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
1600	1	3	146	79	23053	0.14	0.0037	3	1.5	176.5	1000	0.582117

0.582117

Horizontal Location (ft)	Point	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{ec}	C_{rc}	H_g (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
1600	1	2.5	146	79	23404	0.14	0.0037	2.5	1.25	146.25	1000	0.467921

0.467921

Horizontal Location (ft)	Point	Thickness of Geologic Buffer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{ec}	C_{rc}	H_g (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
1500	1	3	144	81	23067	0.14	0.0037	3	1.5	175.5	1000	0.582227

0.582227

Horizontal Location (ft)	Point	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{ec}	C_{rc}	H_g (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
1500	1	4.5	144	81	23418	0.14	0.0037	4.5	2.25	263.25	1000	0.875526

0.875526

Horizontal Location (ft)	Point	Thickness of Geologic Buffer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{ec}	C_{rc}	H_g (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
1400	1	3	142	83	23081	0.14	0.0037	3	1.5	175.5	1000	0.582337

0.582337

Horizontal Location (ft)	Point	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{ec}	C_{rc}	H_g (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
1400	1	4	142	83	23432	0.14	0.0037	4	2	234	1000	0.778646

0.778646

Horizontal Location (ft)	Point	Thickness of Geologic Buffer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{ec}	C_{rc}	H_g (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
1300	1	3	138	87	23109	0.14	0.0037	3	1.5	175.5	1000	0.582557

0.582557

Horizontal Location (ft)	Point	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{ec}	C_{rc}	H_g (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
1300	1	5	138	87	23460	0.14	0.0037	5	2.5	292.5	1000	0.972873

0.972873

Horizontal Location (ft)	Point	Thickness of Geologic Buffer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vw}'$ (psf)	C_{ss}	C_{rr}	H_s (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_s (ft)
1200	1	3	134	91	23137	0.14	0.0037	3	1.5	175.5	1000	0.582776

0.582776

Horizontal Location (ft)	Point	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vw}'$ (psf)	C_{ss}	C_{rr}	H_s (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_s (ft)
1200	1	10	134	91	23488	0.14	0.0037	10	5	585	1000	1.942756

1.942756

Horizontal Location (ft)	Point	Thickness of Geologic Buffer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vw}'$ (psf)	C_{ss}	C_{rr}	H_s (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_s (ft)
1100	1	3	130	75	21028	0.14	0.0037	3	1.5	175.5	1000	0.565454

0.565454

Horizontal Location (ft)	Point	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vw}'$ (psf)	C_{ss}	C_{rr}	H_s (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_s (ft)
1100	1	13	130	75	21376	0.14	0.0037	13	6.5	760.5	1000	2.453817

2.453817

Horizontal Location (ft)	Point	Thickness of Geologic Buffer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vw}'$ (psf)	C_{ss}	C_{rr}	H_s (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_s (ft)
1000	1	3	125	60	18920	0.14	0.0037	3	1.5	175.5	1000	0.54638

0.54638

Horizontal Location (ft)	Point	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vw}'$ (psf)	C_{ss}	C_{rr}	H_s (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_s (ft)
1000	1	13	125	60	19271	0.14	0.0037	13	6.5	760.5	1000	2.374838

2.374838

Horizontal Location (ft)	Point	Thickness of Geologic Buffer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vw}'$ (psf)	C_{ss}	C_{rr}	H_s (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_s (ft)
900	1	3	120	50	17350	0.14	0.0037	3	1.5	175.5	1000	0.53073

0.53073

Horizontal Location (ft)	Point	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vw}'$ (psf)	C_{ss}	C_{rr}	H_s (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_s (ft)
900	1	12.5	120	50	17701	0.14	0.0037	12.5	6.25	731.25	1000	2.221049

2.221049

Horizontal Location (ft)	Point	Thickness of Geologic Buffer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vw}'$ (psf)	C_{ss}	C_{rr}	H_s (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_s (ft)
800	1	3	120	30	15210	0.14	0.0037	3	1.5	175.5	1000	0.506875

0.506875

Horizontal Location (ft)	Point	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vw}'$ (psf)	C_{ss}	C_{rr}	H_s (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_s (ft)
800	1	10	120	30	15561	0.14	0.0037	10	5	585	1000	1.899906

1.899906

Horizontal Location (ft)	Point	Thickness of Geologic Buffer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rc}	H_o (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
700	1	3	125	10	13570	0.14	0.0037	3	1.5	175.5	1000	0.486416

0.486416

Horizontal Location (ft)	Point	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rc}	H_o (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
700	1	10	125	10	13821	0.14	0.0037	10	5	585	1000	1.634782

1.634782

Horizontal Location (ft)	Point	Thickness of Geologic Buffer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rc}	H_o (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
600	1	3	115	0	11500	0.14	0.0037	3	1.5	175.5	1000	0.456844

0.456844

Horizontal Location (ft)	Point	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rc}	H_o (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
600	1	8.5	115	0	11851	0.14	0.0037	8.5	4.25	497.25	1000	1.308553

1.308553

Horizontal Location (ft)	Point	Thickness of Geologic Buffer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rc}	H_o (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
500	1	3	100	0	10000	0.14	0.0037	3	1.5	175.5	1000	0.431562

0.431562

Horizontal Location (ft)	Point	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rc}	H_o (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
500	1	8	100	0	10351	0.14	0.0037	8	4	466	1000	1.16805

1.16805

Horizontal Location (ft)	Point	Thickness of Geologic Buffer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rc}	H_o (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
400	1	3	85	0	8500	0.14	0.0037	3	1.5	175.5	1000	0.402472

0.402472

Horizontal Location (ft)	Point	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rc}	H_o (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
400	1	7.5	85	0	8851	0.14	0.0037	7.5	3.75	438.75	1000	1.026333

1.026333

Horizontal Location (ft)	Point	Thickness of Geologic Buffer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rc}	H_o (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
300	1	3	85	0	8500	0.14	0.0037	3	1.5	175.5	1000	0.354672

0.354672

Horizontal Location (ft)	Point	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rc}	H_o (ft)	Depth to Point (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
300	1	7	85	0	8851	0.14	0.0037	7	3.5	409.5	1000	0.85379

0.85379

Horizontal Location (ft)	Point	Thickness of Geologic Buffer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vw}'$ (psf)	C_w	C_n	H_e (ft)	Depth to Point (ft)	σ_{vw}' (psf)	σ_p' (psf)	S_s (ft)
200	1	3	40	0	4000	0.14	0.0037	3	1.5	175.5	1000	0.269088

0.269088

Horizontal Location (ft)	Point	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vw}'$ (psf)	C_w	C_n	H_e (ft)	Depth to Point (ft)	σ_{vw}' (psf)	σ_p' (psf)	S_s (ft)
200	1	7	40	0	4351	0.14	0.0037	7	3.5	409.5	1000	0.874142

0.874142

Horizontal Location (ft)	Point	Thickness of Geologic Buffer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vw}'$ (psf)	C_w	C_n	H_e (ft)	Depth to Point (ft)	σ_{vw}' (psf)	σ_p' (psf)	S_s (ft)
100	1	3	0	0	0	0.14	0.0037	3	1.5	175.5	1000	0

0

Horizontal Location (ft)	Point	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vw}'$ (psf)	C_w	C_n	H_e (ft)	Depth to Point (ft)	σ_{vw}' (psf)	σ_p' (psf)	S_s (ft)
100	1	22.5	0	0	0	0.14	0.0037	22.5	11.25	1318.25	1000	0

0

Calculation of Settlement in the Residual Soil (N>4)

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rc}	H_e (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
3450	1	40	42.5	0	0	4972.5	0.14	0.0037	10	5	25	600	9121	0.035612
3450	2	40	42.5	0	0	4972.5	0.14	0.0037	10	15	25	1800	9121	0.021293
3450	3	40	42.5	0	0	4972.5	0.14	0.0037	10	25	25	3000	9121	0.015706
3450	4	40	42.5	0	0	4972.5	0.14	0.0037	10	35	25	3576	9121	0.014004
3450	5	40	42.5	0	0	4972.5	0.14	0.0037	10	35	25	3576	#N/A	0
3450	6	40	42.5	0	0	4972.5	0.14	0.0037	10	35	25	3576	#N/A	0
3450	7	40	42.5	0	0	4972.5	0.14	0.0037	10	35	25	3576	#N/A	0
3450	8	40	42.5	0	0	4972.5	0.14	0.0037	10	35	25	3576	#N/A	0
														0.086615

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rc}	H_e (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
3400	1	40	0	56	0	5600	0.14	0.0037	10	5	20	600	9121	0.037527
3400	2	40	0	56	0	5600	0.14	0.0037	10	15	20	1800	9121	0.022716
3400	3	40	0	56	0	5600	0.14	0.0037	10	25	20	2688	9121	0.018094
3400	4	40	0	56	0	5600	0.14	0.0037	10	35	20	3264	9121	0.016054
3400	5	40	0	56	0	5600	0.14	0.0037	10	35	20	3264	#N/A	0
3400	6	40	0	56	0	5600	0.14	0.0037	10	35	20	3264	#N/A	0
3400	7	40	0	56	0	5600	0.14	0.0037	10	35	20	3264	#N/A	0
3400	8	40	0	56	0	5600	0.14	0.0037	10	35	20	3264	#N/A	0
														0.094391

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rc}	H_e (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
3300	1	35	2.5	80	0	8292.5	0.14	0.0037	10	5	20	600	9121	0.043322
3300	2	35	2.5	80	0	8292.5	0.14	0.0037	10	15	20	1500	9121	0.087615
3300	3	35	2.5	80	0	8292.5	0.14	0.0037	10	25	20	2688	9121	0.132444
3300	4	35	2.5	80	0	8292.5	0.14	0.0037	5	32.5	20	3120	9121	0.076756
3300	5	35	2.5	80	0	8292.5	0.14	0.0037	5	32.5	20	3120	#N/A	0
3300	6	35	2.5	80	0	8292.5	0.14	0.0037	5	32.5	20	3120	#N/A	0
3300	7	35	2.5	80	0	8292.5	0.14	0.0037	5	32.5	20	3120	#N/A	0
3300	8	35	2.5	80	0	8292.5	0.14	0.0037	5	32.5	20	3120	#N/A	0
														0.340138

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rc}	H_e (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
3200	1	35	5	95	0	10085	0.14	0.0037	10	5	15	600	9121	0.139855
3200	2	35	5	95	0	10085	0.14	0.0037	10	15	15	1800	9121	0.187016
3200	3	35	5	95	0	10085	0.14	0.0037	10	25	15	2376	9121	0.21133
3200	4	35	5	95	0	10085	0.14	0.0037	5	32.5	15	2808	9121	0.114684
3200	5	35	5	95	0	10085	0.14	0.0037	5	32.5	15	2808	#N/A	0
3200	6	35	5	95	0	10085	0.14	0.0037	5	32.5	15	2808	#N/A	0
3200	7	35	5	95	0	10085	0.14	0.0037	5	32.5	15	2808	#N/A	0
3200	8	35	5	95	0	10085	0.14	0.0037	5	32.5	15	2808	#N/A	0
														0.852984

Calculation of Settlement in the Residual Soil (N<4)

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rc}	H_e (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
3450	1	0	42.5	0	0	4972.5	0.24	0.01	0	#N/A	25	#N/A	#N/A	0
3450	2	0	42.5	0	0	4972.5	0.24	0.01	0	#N/A	25	#N/A	#N/A	0
3450	3	0	42.5	0	0	4972.5	0.24	0.01	0	#N/A	25	#N/A	#N/A	0
3450	4	0	42.5	0	0	4972.5	0.24	0.01	0	#N/A	25	#N/A	#N/A	0
3450	5	0	42.5	0	0	4972.5	0.24	0.01	0	#N/A	25	#N/A	#N/A	0
3450	6	0	42.5	0	0	4972.5	0.24	0.01	0	#N/A	25	#N/A	#N/A	0
3450	7	0	42.5	0	0	4972.5	0.24	0.01	0	#N/A	25	#N/A	#N/A	0
3450	8	0	42.5	0	0	4972.5	0.24	0.01	0	#N/A	25	#N/A	#N/A	0
														0

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rc}	H_e (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
3400	1	0	0	56	0	5600	0.24	0.01	0	#N/A	20	#N/A	#N/A	0
3400	2	0	0	56	0	5600	0.24	0.01	0	#N/A	20	#N/A	#N/A	0
3400	3	0	0	56	0	5600	0.24	0.01	0	#N/A	20	#N/A	#N/A	0
3400	4	0	0	56	0	5600	0.24	0.01	0	#N/A	20	#N/A	#N/A	0
3400	5	0	0	56	0	5600	0.24	0.01	0	#N/A	20	#N/A	#N/A	0
3400	6	0	0	56	0	5600	0.24	0.01	0	#N/A	20	#N/A	#N/A	0
3400	7	0	0	56	0	5600	0.24	0.01	0	#N/A	20	#N/A	#N/A	0
3400	8	0	0	56	0	5600	0.24	0.01	0	#N/A	20	#N/A	#N/A	0
														0

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rc}	H_e (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
3300	1	0	2.5	80	0	8292.5	0.24	0.01	0	#N/A	20	#N/A	#N/A	0
3300	2	0	2.5	80	0	8292.5	0.24	0.01	0	#N/A	20	#N/A	#N/A	0
3300	3	0	2.5	80	0	8292.5	0.24	0.01	0	#N/A	20	#N/A	#N/A	0
3300	4	0	2.5	80	0	8292.5	0.24	0.01	0	#N/A	20	#N/A	#N/A	0
3300	5	0	2.5	80	0	8292.5	0.24	0.01	0	#N/A	20	#N/A	#N/A	0
3300	6	0	2.5	80	0	8292.5	0.24	0.01	0	#N/A	20	#N/A	#N/A	0
3300	7	0	2.5	80	0	8292.5	0.24	0.01	0	#N/A	20	#N/A	#N/A	0
3300	8	0	2.5	80	0	8292.5	0.24	0.01	0	#N/A	20	#N/A	#N/A	0
														0

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rc}	H_e (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
3200	1	0	5	95	0	10085	0.24	0.01	0	#N/A	15	#N/A	#N/A	0
3200	2	0	5	95	0	10085	0.24	0.01	0	#N/A	15	#N/A	#N/A	0
3200	3	0	5	95	0	10085	0.24	0.01	0	#N/A	15	#N/A	#N/A	0
3200	4	0	5	95	0	10085	0.24	0.01	0	#N/A	15	#N/A	#N/A	0
3200	5	0	5	95	0	10085	0.24	0.01	0	#N/A	15	#N/A	#N/A	0
3200	6	0	5	95	0	10085	0.24	0.01	0	#N/A	15	#N/A	#N/A	0
3200	7	0	5	95	0	10085	0.24	0.01	0	#N/A	15	#N/A	#N/A	0
3200	8	0	5	95	0	10085	0.24	0.01	0	#N/A	15	#N/A	#N/A	0
														0

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_w	C_r	H_o (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
3100	1	35	9	104	0	11453	0.14	0.0037	10	5	12	600	9121	0.213204
3100	2	35	9	104	0	11453	0.14	0.0037	10	15	12	1612.8	9121	0.246072
3100	3	35	9	104	0	11453	0.14	0.0037	10	25	12	2188.8	9121	0.267696
3100	4	35	9	104	0	11453	0.14	0.0037	10	30	12	2476.8	9121	0.278411
3100	5	35	9	104	0	11453	0.14	0.0037	5	32.5	12	2620.8	9121	0.141878
3100	6	35	9	104	0	11453	0.14	0.0037	5	32.5	12	2620.8	#N/A	0
3100	7	35	9	104	0	11453	0.14	0.0037	5	32.5	12	2620.8	#N/A	0
3100	8	35	9	104	0	11453	0.14	0.0037	5	32.5	12	2620.8	#N/A	0
														1.14758

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_w	C_r	H_o (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
3100	1	0	9	104	0	11453	0.24	0.01	0	#N/A	12	#N/A	#N/A	0
3100	2	0	9	104	0	11453	0.24	0.01	0	#N/A	12	#N/A	#N/A	0
3100	3	0	9	104	0	11453	0.24	0.01	0	#N/A	12	#N/A	#N/A	0
3100	4	0	9	104	0	11453	0.24	0.01	0	#N/A	12	#N/A	#N/A	0
3100	5	0	9	104	0	11453	0.24	0.01	0	#N/A	12	#N/A	#N/A	0
3100	6	0	9	104	0	11453	0.24	0.01	0	#N/A	12	#N/A	#N/A	0
3100	7	0	9	104	0	11453	0.24	0.01	0	#N/A	12	#N/A	#N/A	0
3100	8	0	9	104	0	11453	0.24	0.01	0	#N/A	12	#N/A	#N/A	0
														0

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_w	C_r	H_o (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
3000	1	25	11	118	0	13087	0.14	0.0037	10	5	10	600	9121	0.290502
3000	2	25	11	118	0	13087	0.14	0.0037	10	15	10	1488	9121	0.314128
3000	3	25	11	118	0	13087	0.14	0.0037	5	22.5	10	1920	9121	0.163899
3000	4	25	11	118	0	13087	0.14	0.0037	5	22.5	10	1920	#N/A	0
3000	5	25	11	118	0	13087	0.14	0.0037	5	22.5	10	1920	#N/A	0
3000	6	25	11	118	0	13087	0.14	0.0037	5	22.5	10	1920	#N/A	0
3000	7	25	11	118	0	13087	0.14	0.0037	5	22.5	10	1920	#N/A	0
3000	8	25	11	118	0	13087	0.14	0.0037	5	22.5	10	1920	#N/A	0
														0.766526

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_w	C_r	H_o (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
3000	1	0	11	118	0	13087	0.24	0.01	0	#N/A	10	#N/A	#N/A	0
3000	2	0	11	118	0	13087	0.24	0.01	0	#N/A	10	#N/A	#N/A	0
3000	3	0	11	118	0	13087	0.24	0.01	0	#N/A	10	#N/A	#N/A	0
3000	4	0	11	118	0	13087	0.24	0.01	0	#N/A	10	#N/A	#N/A	0
3000	5	0	11	118	0	13087	0.24	0.01	0	#N/A	10	#N/A	#N/A	0
3000	6	0	11	118	0	13087	0.24	0.01	0	#N/A	10	#N/A	#N/A	0
3000	7	0	11	118	0	13087	0.24	0.01	0	#N/A	10	#N/A	#N/A	0
3000	8	0	11	118	0	13087	0.24	0.01	0	#N/A	10	#N/A	#N/A	0
														0

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_w	C_r	H_o (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
2900	1	25	11	125	0	13787	0.14	0.0037	10	5	10	600	9121	0.320829
2900	2	25	11	125	0	13787	0.14	0.0037	10	15	10	1488	9121	0.34265
2900	3	25	11	125	0	13787	0.14	0.0037	5	22.5	10	1920	9121	0.177755
2900	4	25	11	125	0	13787	0.14	0.0037	5	22.5	10	1920	#N/A	0
2900	5	25	11	125	0	13787	0.14	0.0037	5	22.5	10	1920	#N/A	0
2900	6	25	11	125	0	13787	0.14	0.0037	5	22.5	10	1920	#N/A	0
2900	7	25	11	125	0	13787	0.14	0.0037	5	22.5	10	1920	#N/A	0
2900	8	25	11	125	0	13787	0.14	0.0037	5	22.5	10	1920	#N/A	0
														0.841234

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_w	C_r	H_o (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
2900	1	0	11	125	0	13787	0.24	0.01	0	#N/A	10	#N/A	#N/A	0
2900	2	0	11	125	0	13787	0.24	0.01	0	#N/A	10	#N/A	#N/A	0
2900	3	0	11	125	0	13787	0.24	0.01	0	#N/A	10	#N/A	#N/A	0
2900	4	0	11	125	0	13787	0.24	0.01	0	#N/A	10	#N/A	#N/A	0
2900	5	0	11	125	0	13787	0.24	0.01	0	#N/A	10	#N/A	#N/A	0
2900	6	0	11	125	0	13787	0.24	0.01	0	#N/A	10	#N/A	#N/A	0
2900	7	0	11	125	0	13787	0.24	0.01	0	#N/A	10	#N/A	#N/A	0
2900	8	0	11	125	0	13787	0.24	0.01	0	#N/A	10	#N/A	#N/A	0
														0

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_w	C_r	H_o (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
2800	1	30	10	140	0	15170	0.14	0.0037	10	5	10	600	9121	0.376835
2800	2	30	10	140	0	15170	0.14	0.0037	10	15	10	1488	9121	0.395348
2800	3	30	10	140	0	15170	0.14	0.0037	10	25	10	2064	9121	0.410758
2800	4	30	10	140	0	15170	0.14	0.0037	10	25	10	2064	#N/A	0
2800	5	30	10	140	0	15170	0.14	0.0037	10	25	10	2064	#N/A	0
2800	6	30	10	140	0	15170	0.14	0.0037	10	25	10	2064	#N/A	0
2800	7	30	10	140	0	15170	0.14	0.0037	10	25	10	2064	#N/A	0
2800	8	30	10	140	0	15170	0.14	0.0037	10	25	10	2064	#N/A	0
														1.182741

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_w	C_r	H_o (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
2800	1	0	10	140	0	15170	0.24	0.01	0	#N/A	10	#N/A	#N/A	0
2800	2	0	10	140	0	15170	0.24	0.01	0	#N/A	10	#N/A	#N/A	0
2800	3	0	10	140	0	15170	0.24	0.01	0	#N/A	10	#N/A	#N/A	0
2800	4	0	10	140	0	15170	0.24	0.01	0	#N/A	10	#N/A	#N/A	0
2800	5	0	10	140	0	15170	0.24	0.01	0	#N/A	10	#N/A	#N/A	0
2800	6	0	10	140	0	15170	0.24	0.01	0	#N/A	10	#N/A	#N/A	0
2800	7	0	10	140	0	15170	0.24	0.01	0	#N/A	10	#N/A	#N/A	0
2800	8	0	10	140	0	15170	0.24	0.01	0	#N/A	10	#N/A	#N/A	0
														0

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rr}	H_s (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
2700	1	45	7	152	0	18019	0.14	0.0037	10	5	12	600	9121	0.408617
2700	2	45	7	152	0	18019	0.14	0.0037	10	15	12	1812.8	9121	0.428597
2700	3	45	7	152	0	18019	0.14	0.0037	10	25	12	2188.8	9121	0.443295
2700	4	45	7	152	0	18019	0.14	0.0037	10	35	12	2764.8	9121	0.456417
2700	5	45	7	152	0	18019	0.14	0.0037	5	42.5	12	3196.8	9121	0.234955
2700	6	45	7	152	0	18019	0.14	0.0037	5	42.5	12	3196.8	#N/A	0
2700	7	45	7	152	0	18019	0.14	0.0037	5	42.5	12	3196.8	#N/A	0
2700	8	45	7	152	0	18019	0.14	0.0037	5	42.5	12	3196.8	#N/A	0
														1.973721

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rr}	H_s (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
2700	1	0	7	152	0	18019	0.24	0.01	0	#N/A	12	#N/A	#N/A	0
2700	2	0	7	152	0	18019	0.24	0.01	0	#N/A	12	#N/A	#N/A	0
2700	3	0	7	152	0	18019	0.24	0.01	0	#N/A	12	#N/A	#N/A	0
2700	4	0	7	152	0	18019	0.24	0.01	0	#N/A	12	#N/A	#N/A	0
2700	5	0	7	152	0	18019	0.24	0.01	0	#N/A	12	#N/A	#N/A	0
2700	6	0	7	152	0	18019	0.24	0.01	0	#N/A	12	#N/A	#N/A	0
2700	7	0	7	152	0	18019	0.24	0.01	0	#N/A	12	#N/A	#N/A	0
2700	8	0	7	152	0	18019	0.24	0.01	0	#N/A	12	#N/A	#N/A	0
														0

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rr}	H_s (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
2600	1	45	5	150	15	17190	0.14	0.0037	10	5	14	600	9121	0.449917
2600	2	45	5	150	15	17190	0.14	0.0037	10	15	14	1737.6	9121	0.470518
2600	3	45	5	150	15	17190	0.14	0.0037	10	25	14	2313.6	9121	0.484144
2600	4	45	5	150	15	17190	0.14	0.0037	10	35	14	2889.6	9121	0.496268
2600	5	45	5	150	15	17190	0.14	0.0037	5	42.5	14	3321.6	9121	0.254468
2600	6	45	5	150	15	17190	0.14	0.0037	5	42.5	14	3321.6	#N/A	0
2600	7	45	5	150	15	17190	0.14	0.0037	5	42.5	14	3321.6	#N/A	0
2600	8	45	5	150	15	17190	0.14	0.0037	5	42.5	14	3321.6	#N/A	0
														2.157339

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rr}	H_s (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
2600	1	0	5	150	15	17190	0.24	0.01	0	#N/A	14	#N/A	#N/A	0
2600	2	0	5	150	15	17190	0.24	0.01	0	#N/A	14	#N/A	#N/A	0
2600	3	0	5	150	15	17190	0.24	0.01	0	#N/A	14	#N/A	#N/A	0
2600	4	0	5	150	15	17190	0.24	0.01	0	#N/A	14	#N/A	#N/A	0
2600	5	0	5	150	15	17190	0.24	0.01	0	#N/A	14	#N/A	#N/A	0
2600	6	0	5	150	15	17190	0.24	0.01	0	#N/A	14	#N/A	#N/A	0
2600	7	0	5	150	15	17190	0.24	0.01	0	#N/A	14	#N/A	#N/A	0
2600	8	0	5	150	15	17190	0.24	0.01	0	#N/A	14	#N/A	#N/A	0
														0

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rr}	H_s (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
2500	1	40	4	144	41	19255	0.14	0.0037	10	5	15	600	9121	0.516888
2500	2	40	4	144	41	19255	0.14	0.0037	10	15	15	1800	9121	0.534714
2500	3	40	4	144	41	19255	0.14	0.0037	10	25	15	2376	9121	0.546863
2500	4	40	4	144	41	19255	0.14	0.0037	10	35	15	2952	9121	0.556154
2500	5	40	4	144	41	19255	0.14	0.0037	10	35	15	2952	#N/A	0
2500	6	40	4	144	41	19255	0.14	0.0037	10	35	15	2952	#N/A	0
2500	7	40	4	144	41	19255	0.14	0.0037	10	35	15	2952	#N/A	0
2500	8	40	4	144	41	19255	0.14	0.0037	10	35	15	2952	#N/A	0
														2.15722

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rr}	H_s (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
2500	1	0	4	144	41	19255	0.24	0.01	0	#N/A	15	#N/A	#N/A	0
2500	2	0	4	144	41	19255	0.24	0.01	0	#N/A	15	#N/A	#N/A	0
2500	3	0	4	144	41	19255	0.24	0.01	0	#N/A	15	#N/A	#N/A	0
2500	4	0	4	144	41	19255	0.24	0.01	0	#N/A	15	#N/A	#N/A	0
2500	5	0	4	144	41	19255	0.24	0.01	0	#N/A	15	#N/A	#N/A	0
2500	6	0	4	144	41	19255	0.24	0.01	0	#N/A	15	#N/A	#N/A	0
2500	7	0	4	144	41	19255	0.24	0.01	0	#N/A	15	#N/A	#N/A	0
2500	8	0	4	144	41	19255	0.24	0.01	0	#N/A	15	#N/A	#N/A	0
														0

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rr}	H_s (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
2400	1	40	2.5	146	59	21205.5	0.14	0.0037	10	5	16	600	9121	0.573683
2400	2	40	2.5	146	59	21205.5	0.14	0.0037	10	15	16	1800	9121	0.588581
2400	3	40	2.5	146	59	21205.5	0.14	0.0037	10	25	16	2438.4	9121	0.600346
2400	4	40	2.5	146	59	21205.5	0.14	0.0037	10	35	16	3014.4	9121	0.611573
2400	5	40	2.5	146	59	21205.5	0.14	0.0037	10	35	16	3014.4	#N/A	0
2400	6	40	2.5	146	59	21205.5	0.14	0.0037	10	35	16	3014.4	#N/A	0
2400	7	40	2.5	146	59	21205.5	0.14	0.0037	10	35	16	3014.4	#N/A	0
2400	8	40	2.5	146	59	21205.5	0.14	0.0037	10	35	16	3014.4	#N/A	0
														2.374163

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rr}	H_s (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
2400	1	0	2.5	146	59	21205.5	0.24	0.01	0	#N/A	16	#N/A	#N/A	0
2400	2	0	2.5	146	59	21205.5	0.24	0.01	0	#N/A	16	#N/A	#N/A	0
2400	3	0	2.5	146	59	21205.5	0.24	0.01	0	#N/A	16	#N/A	#N/A	0
2400	4	0	2.5	146	59	21205.5	0.24	0.01	0	#N/A	16	#N/A	#N/A	0
2400	5	0	2.5	146	59	21205.5	0.24	0.01	0	#N/A	16	#N/A	#N/A	0
2400	6	0	2.5	146	59	21205.5	0.24	0.01	0	#N/A	16	#N/A	#N/A	0
2400	7	0	2.5	146	59	21205.5	0.24	0.01	0	#N/A	16	#N/A	#N/A	0
2400	8	0	2.5	146	59	21205.5	0.24	0.01	0	#N/A	16	#N/A	#N/A	0
														0

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rr}	H_s (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
2300	1	50	0	150	70	22490	0.14	0.0037	10	5	19	600	9121	0.609464
2300	2	50	0	150	70	22490	0.14	0.0037	10	15	19	1800	9121	0.621616
2300	3	50	0	150	70	22490	0.14	0.0037	10	25	19	2826.6	9121	0.635572
2300	4	50	0	150	70	22490	0.14	0.0037	10	35	19	3201.6	9121	0.649471
2300	5	50	0	150	70	22490	0.14	0.0037	10	45	19	3777.6	9121	0.657294
2300	6	50	0	150	70	22490	0.14	0.0037	10	45	19	3777.6	#N/A	0
2300	7	50	0	150	70	22490	0.14	0.0037	10	45	19	3777.6	#N/A	0
2300	8	50	0	150	70	22490	0.14	0.0037	10	45	19	3777.6	#N/A	0
														3.169716

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rr}	H_s (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
2300	1	0	0	150	70	22490	0.24	0.01	0	#N/A	19	#N/A	#N/A	0
2300	2	0	0	150	70	22490	0.24	0.01	0	#N/A	19	#N/A	#N/A	0
2300	3	0	0	150	70	22490	0.24	0.01	0	#N/A	19	#N/A	#N/A	0
2300	4	0	0	150	70	22490	0.24	0.01	0	#N/A	19	#N/A	#N/A	0
2300	5	0	0	150	70	22490	0.24	0.01	0	#N/A	19	#N/A	#N/A	0
2300	6	0	0	150	70	22490	0.24	0.01	0	#N/A	19	#N/A	#N/A	0
2300	7	0	0	150	70	22490	0.24	0.01	0	#N/A	19	#N/A	#N/A	0
2300	8	0	0	150	70	22490	0.24	0.01	0	#N/A	19	#N/A	#N/A	0
														0

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_w	C_n	H_s (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
2200	1	40	0	150	70	22490	0.14	0.0037	10	5	18	600	9121	0.668464
2200	2	40	0	150	70	22490	0.14	0.0037	10	15	18	1800	9121	0.621618
2200	3	40	0	150	70	22490	0.14	0.0037	10	25	18	2563.2	9121	0.634746
2200	4	40	0	150	70	22490	0.14	0.0037	10	35	18	3139.2	9121	0.645309
2200	5	40	0	150	70	22490	0.14	0.0037	10	35	18	3139.2	#N/A	0
2200	6	40	0	150	70	22490	0.14	0.0037	10	35	18	3139.2	#N/A	0
2200	7	40	0	150	70	22490	0.14	0.0037	10	35	18	3139.2	#N/A	0
2200	8	40	0	150	70	22490	0.14	0.0037	10	35	18	3139.2	#N/A	0
														2.510134

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_w	C_n	H_s (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
2100	1	30	0	152	73	23011	0.14	0.0037	10	5	18	600	9121	0.622031
2100	2	30	0	152	73	23011	0.14	0.0037	10	15	18	1800	9121	0.634519
2100	3	30	0	152	73	23011	0.14	0.0037	10	25	18	2563.2	9121	0.64726
2100	4	30	0	152	73	23011	0.14	0.0037	10	25	18	2563.2	#N/A	0
2100	5	30	0	152	73	23011	0.14	0.0037	10	25	18	2563.2	#N/A	0
2100	6	30	0	152	73	23011	0.14	0.0037	10	25	18	2563.2	#N/A	0
2100	7	30	0	152	73	23011	0.14	0.0037	10	25	18	2563.2	#N/A	0
2100	8	30	0	152	73	23011	0.14	0.0037	10	25	18	2563.2	#N/A	0
														1.90381

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_w	C_n	H_s (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
2000	1	25	2	152	73	23245	0.14	0.0037	10	5	18	600	9121	0.626027
2000	2	25	2	152	73	23245	0.14	0.0037	10	15	18	1800	9121	0.640227
2000	3	25	2	152	73	23245	0.14	0.0037	5	22.5	18	2294.4	9121	0.324106
2000	4	25	2	152	73	23245	0.14	0.0037	5	22.5	18	2294.4	#N/A	0
2000	5	25	2	152	73	23245	0.14	0.0037	5	22.5	18	2294.4	#N/A	0
2000	6	25	2	152	73	23245	0.14	0.0037	5	22.5	18	2294.4	#N/A	0
2000	7	25	2	152	73	23245	0.14	0.0037	5	22.5	18	2294.4	#N/A	0
2000	8	25	2	152	73	23245	0.14	0.0037	5	22.5	18	2294.4	#N/A	0
														1.592356

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_w	C_n	H_s (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
1900	1	25	2.5	152	73	23303.5	0.14	0.0037	10	5	15	600	9121	0.629517
1900	2	25	2.5	152	73	23303.5	0.14	0.0037	10	15	15	1800	9121	0.641645
1900	3	25	2.5	152	73	23303.5	0.14	0.0037	5	22.5	15	2232	9121	0.324281
1900	4	25	2.5	152	73	23303.5	0.14	0.0037	5	22.5	15	2232	#N/A	0
1900	5	25	2.5	152	73	23303.5	0.14	0.0037	5	22.5	15	2232	#N/A	0
1900	6	25	2.5	152	73	23303.5	0.14	0.0037	5	22.5	15	2232	#N/A	0
1900	7	25	2.5	152	73	23303.5	0.14	0.0037	5	22.5	15	2232	#N/A	0
1900	8	25	2.5	152	73	23303.5	0.14	0.0037	5	22.5	15	2232	#N/A	0
														1.595443

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_w	C_n	H_s (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
1800	1	30	2.5	152	73	23303.5	0.14	0.0037	10	5	15	600	9121	0.629517
1800	2	30	2.5	152	73	23303.5	0.14	0.0037	10	15	15	1800	9121	0.641645
1800	3	30	2.5	152	73	23303.5	0.14	0.0037	10	25	15	2376	9121	0.650977
1800	4	30	2.5	152	73	23303.5	0.14	0.0037	10	25	15	2376	#N/A	0
1800	5	30	2.5	152	73	23303.5	0.14	0.0037	10	25	15	2376	#N/A	0
1800	6	30	2.5	152	73	23303.5	0.14	0.0037	10	25	15	2376	#N/A	0
1800	7	30	2.5	152	73	23303.5	0.14	0.0037	10	25	15	2376	#N/A	0
1800	8	30	2.5	152	73	23303.5	0.14	0.0037	10	25	15	2376	#N/A	0
														1.922139

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_w	C_n	H_s (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
2200	1	7.5	0	150	70	22490	0.24	0.01	7.5	3.75	18	3586.95	5650	1.210374
2200	2	7.5	0	150	70	22490	0.24	0.01	7.5	3.75	18	3586.95	#N/A	0
2200	3	7.5	0	150	70	22490	0.24	0.01	7.5	3.75	18	3586.95	#N/A	0
2200	4	7.5	0	150	70	22490	0.24	0.01	7.5	3.75	18	3586.95	#N/A	0
2200	5	7.5	0	150	70	22490	0.24	0.01	7.5	3.75	18	3586.95	#N/A	0
2200	6	7.5	0	150	70	22490	0.24	0.01	7.5	3.75	18	3586.95	#N/A	0
2200	7	7.5	0	150	70	22490	0.24	0.01	7.5	3.75	18	3586.95	#N/A	0
2200	8	7.5	0	150	70	22490	0.24	0.01	7.5	3.75	18	3586.95	#N/A	0
														1.210374

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_w	C_n	H_s (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
2100	1	13	0	152	73	23011	0.24	0.01	13	6.5	18	3128.1	5650	2.108936
2100	2	13	0	152	73	23011	0.24	0.01	13	6.5	18	3128.1	#N/A	0
2100	3	13	0	152	73	23011	0.24	0.01	13	6.5	18	3128.1	#N/A	0
2100	4	13	0	152	73	23011	0.24	0.01	13	6.5	18	3128.1	#N/A	0
2100	5	13	0	152	73	23011	0.24	0.01	13	6.5	18	3128.1	#N/A	0
2100	6	13	0	152	73	23011	0.24	0.01	13	6.5	18	3128.1	#N/A	0
2100	7	13	0	152	73	23011	0.24	0.01	13	6.5	18	3128.1	#N/A	0
2100	8	13	0	152	73	23011	0.24	0.01	13	6.5	18	3128.1	#N/A	0
														2.108936

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_w	C_n	H_s (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
2000	1	15	2	152	73	23245	0.24	0.01	15	7.5	18	2757.9	5650	2.433425
2000	2	15	2	152	73	23245	0.24	0.01	15	7.5	18	2757.9	#N/A	0
2000	3	15	2	152	73	23245	0.24	0.01	15	7.5	18	2757.9	#N/A	0
2000	4	15	2	152	73	23245	0.24	0.01	15	7.5	18	2757.9	#N/A	0
2000	5	15	2	152	73	23245	0.24	0.01	15	7.5	18	2757.9	#N/A	0
2000	6	15	2	152	73	23245	0.24	0.01	15	7.5	18	2757.9	#N/A	0
2000	7	15	2	152	73	23245	0.24	0.01	15	7.5	18	2757.9	#N/A	0
2000	8	15	2	152	73	23245	0.24	0.01	15	7.5	18	2757.9	#N/A	0
														2.433425

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_w	C_n	H_s (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
1900	1	15	2.5	152	73	23303.5	0.24	0.01	15	7.5	15	2695.5	5650	2.434681
1900	2	15	2.5	152	73	23303.5	0.24	0.01	15	7.5	15	2695.5	#N/A	0
1900	3	15	2.5	152	73	23303.5	0.24	0.01	15	7.5	15	2695.5	#N/A	0
1900	4	15	2.5	152	73	23303.5	0.24	0.01	15	7.5	15	2695.5	#N/A	0
1900	5	15	2.5	152	73	23303.5	0.24	0.01	15	7.5	15	2695.5	#N/A	0
1900	6	15	2.5	152	73	23303.5	0.24	0.01	15	7.5	15	2695.5	#N/A	0
1900	7	15	2.5	152	73	23303.5	0.24	0.01	15	7.5	15	2695.5	#N/A	0
1900	8	15	2.5	152	73	23303.5	0.24	0.01	15	7.5	15	2695.5	#N/A	0
														2.434681

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_w	C_n	H_s (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
1800	1	17	2.5	152	73	23303.5	0.24	0.01	17	8.5	15	3026.1	5650	2.773153
1800	2	17	2.5	152	73	23303.5	0.24	0.01	17	8.5	15	3026.1	#N/A	0
1800	3	17	2.5	152	73	23303.5	0.24	0.01	17	8.5	15	3026.1	#N/A	0
1800	4	17	2.5	152	73	23303.5	0.24	0.01	17	8.5	15	3026.1	#N/A	0
1800	5	17	2.5	152	73	23303.5	0.24	0.01	17	8.5	15	3026.1	#N/A	0
1800	6	17	2.5	152	73	23303.5	0.24	0.01	17	8.5	15	3026.1	#N/A	0
1800	7	17	2.5	152	73	23303.5	0.24	0.01	17	8.5	15	3026.1	#N/A	0
1800	8	17	2.5	152	73	23303.5	0.24	0.01	17	8.5	15	3026.1	#N/A	0
														2.773153

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rr}	H_o (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
1700	1	33	0	148	77	23039	0.14	0.0037	10	5	15	600	9121	0.622761
1700	2	33	0	148	77	23039	0.14	0.0037	10	15	15	1800	9121	0.535205
1700	3	33	0	148	77	23039	0.14	0.0037	10	25	15	2378	9121	0.644662
1700	4	33	0	148	77	23039	0.14	0.0037	5	32.5	15	2808	9121	0.326123
1700	5	33	0	148	77	23039	0.14	0.0037	5	32.5	15	2808	#N/A	0
1700	6	33	0	148	77	23039	0.14	0.0037	5	32.5	15	2808	#N/A	0
1700	7	33	0	148	77	23039	0.14	0.0037	5	32.5	15	2808	#N/A	0
1700	8	33	0	148	77	23039	0.14	0.0037	5	32.5	15	2808	#N/A	0
														2.228761

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rr}	H_o (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
1700	1	17	0	148	77	23039	0.24	0.01	17	8.5	15	3198.9	5650	2.762871
1700	2	17	0	148	77	23039	0.24	0.01	17	8.5	15	3198.9	#N/A	0
1700	3	17	0	148	77	23039	0.24	0.01	17	8.5	15	3198.9	#N/A	0
1700	4	17	0	148	77	23039	0.24	0.01	17	8.5	15	3198.9	#N/A	0
1700	5	17	0	148	77	23039	0.24	0.01	17	8.5	15	3198.9	#N/A	0
1700	6	17	0	148	77	23039	0.24	0.01	17	8.5	15	3198.9	#N/A	0
1700	7	17	0	148	77	23039	0.24	0.01	17	8.5	15	3198.9	#N/A	0
1700	8	17	0	148	77	23039	0.24	0.01	17	8.5	15	3198.9	#N/A	0
														2.762871

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rr}	H_o (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
1600	1	35	2.5	146	79	23345.5	0.14	0.0037	10	5	13	600	9121	0.630584
1600	2	35	2.5	146	79	23345.5	0.14	0.0037	10	15	13	1675.2	9121	0.640791
1600	3	35	2.5	146	79	23345.5	0.14	0.0037	10	25	13	2251.2	9121	0.64966
1600	4	35	2.5	146	79	23345.5	0.14	0.0037	5	32.5	13	2663.2	9121	0.328618
1600	5	35	2.5	146	79	23345.5	0.14	0.0037	5	32.5	13	2663.2	#N/A	0
1600	6	35	2.5	146	79	23345.5	0.14	0.0037	5	32.5	13	2663.2	#N/A	0
1600	7	35	2.5	146	79	23345.5	0.14	0.0037	5	32.5	13	2663.2	#N/A	0
1600	8	35	2.5	146	79	23345.5	0.14	0.0037	5	32.5	13	2663.2	#N/A	0
														2.249873

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rr}	H_o (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
1600	1	17	2.5	146	79	23345.5	0.24	0.01	17	8.5	13	3189.3	5650	2.783031
1600	2	17	2.5	146	79	23345.5	0.24	0.01	17	8.5	13	3189.3	#N/A	0
1600	3	17	2.5	146	79	23345.5	0.24	0.01	17	8.5	13	3189.3	#N/A	0
1600	4	17	2.5	146	79	23345.5	0.24	0.01	17	8.5	13	3189.3	#N/A	0
1600	5	17	2.5	146	79	23345.5	0.24	0.01	17	8.5	13	3189.3	#N/A	0
1600	6	17	2.5	146	79	23345.5	0.24	0.01	17	8.5	13	3189.3	#N/A	0
1600	7	17	2.5	146	79	23345.5	0.24	0.01	17	8.5	13	3189.3	#N/A	0
1600	8	17	2.5	146	79	23345.5	0.24	0.01	17	8.5	13	3189.3	#N/A	0
														2.783031

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rr}	H_o (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
1500	1	35	4.5	144	81	23593.5	0.14	0.0037	10	5	10	600	9121	0.636849
1500	2	35	4.5	144	81	23593.5	0.14	0.0037	10	15	10	1488	9121	0.644171
1500	3	35	4.5	144	81	23593.5	0.14	0.0037	10	25	10	2064	9121	0.652718
1500	4	35	4.5	144	81	23593.5	0.14	0.0037	5	32.5	10	2496	9121	0.329908
1500	5	35	4.5	144	81	23593.5	0.14	0.0037	5	32.5	10	2496	#N/A	0
1500	6	35	4.5	144	81	23593.5	0.14	0.0037	5	32.5	10	2496	#N/A	0
1500	7	35	4.5	144	81	23593.5	0.14	0.0037	5	32.5	10	2496	#N/A	0
1500	8	35	4.5	144	81	23593.5	0.14	0.0037	5	32.5	10	2496	#N/A	0
														2.263645

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rr}	H_o (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
1500	1	17	4.5	144	81	23593.5	0.24	0.01	17	8.5	10	3002.1	5650	2.791552
1500	2	17	4.5	144	81	23593.5	0.24	0.01	17	8.5	10	3002.1	#N/A	0
1500	3	17	4.5	144	81	23593.5	0.24	0.01	17	8.5	10	3002.1	#N/A	0
1500	4	17	4.5	144	81	23593.5	0.24	0.01	17	8.5	10	3002.1	#N/A	0
1500	5	17	4.5	144	81	23593.5	0.24	0.01	17	8.5	10	3002.1	#N/A	0
1500	6	17	4.5	144	81	23593.5	0.24	0.01	17	8.5	10	3002.1	#N/A	0
1500	7	17	4.5	144	81	23593.5	0.24	0.01	17	8.5	10	3002.1	#N/A	0
1500	8	17	4.5	144	81	23593.5	0.24	0.01	17	8.5	10	3002.1	#N/A	0
														2.791552

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rr}	H_o (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
1400	1	35	4	142	83	23549	0.14	0.0037	10	5	10	600	9121	0.635729
1400	2	35	4	142	83	23549	0.14	0.0037	10	15	10	1488	9121	0.643091
1400	3	35	4	142	83	23549	0.14	0.0037	10	25	10	2064	9121	0.651963
1400	4	35	4	142	83	23549	0.14	0.0037	5	32.5	10	2496	9121	0.329389
1400	5	35	4	142	83	23549	0.14	0.0037	5	32.5	10	2496	#N/A	0
1400	6	35	4	142	83	23549	0.14	0.0037	5	32.5	10	2496	#N/A	0
1400	7	35	4	142	83	23549	0.14	0.0037	5	32.5	10	2496	#N/A	0
1400	8	35	4	142	83	23549	0.14	0.0037	5	32.5	10	2496	#N/A	0
														2.259672

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rr}	H_o (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
1400	1	15	4	142	83	23549	0.24	0.01	15	7.5	10	2959.5	5650	2.458937
1400	2	15	4	142	83	23549	0.24	0.01	15	7.5	10	2959.5	#N/A	0
1400	3	15	4	142	83	23549	0.24	0.01	15	7.5	10	2959.5	#N/A	0
1400	4	15	4	142	83	23549	0.24	0.01	15	7.5	10	2959.5	#N/A	0
1400	5	15	4	142	83	23549	0.24	0.01	15	7.5	10	2959.5	#N/A	0
1400	6	15	4	142	83	23549	0.24	0.01	15	7.5	10	2959.5	#N/A	0
1400	7	15	4	142	83	23549	0.24	0.01	15	7.5	10	2959.5	#N/A	0
1400	8	15	4	142	83	23549	0.24	0.01	15	7.5	10	2959.5	#N/A	0
														2.458937

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rr}	H_o (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
1300	1	35	5	138	87	23694	0.14	0.0037	10	5	8	600	9121	0.639869
1300	2	35	5	138	87	23694	0.14	0.0037	10	15	8	1363.2	9121	0.644869
1300	3	35	5	138	87	23694	0.14	0.0037	10	25	8	1939.2	9121	0.653144
1300	4	35	5	138	87	23694	0.14	0.0037	5	32.5	8	2371.2	9121	0.330037
1300	5	35	5	138	87	23694	0.14	0.0037	5	32.5	8	2371.2	#N/A	0
1300	6	35	5	138	87	23694	0.14	0.0037	5	32.5	8	2371.2	#N/A	0
1300	7	35	5	138	87	23694	0.14	0.0037	5	32.5	8	2371.2	#N/A	0
1300	8	35	5	138	87	23694	0.14	0.0037	5	32.5	8	2371.2	#N/A	0
														2.287536

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rr}	H_o (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
1300	1	13	5	138	87	23694	0.24	0.01	13	6.5	8	2792.1	5650	2.13322
1300	2	13	5	138	87	23694	0.24	0.01	13	6.5	8	2792.1	#N/A	0
1300	3	13	5	138	87	23694	0.24	0.01	13	6.5	8	2792.1	#N/A	0
1300	4	13	5	138	87	23694	0.24	0.01	13	6.5	8	2792.1	#N/A	0
1300	5	13	5	138	87	23694	0.24	0.01	13	6.5	8	2792.1	#N/A	0
1300	6	13	5	138	87	23694	0.24	0.01	13	6.5	8	2792.1	#N/A	0
1300	7	13	5	138	87	23694	0.24	0.01	13	6.5	8	2792.1	#N/A	0
1300	8	13	5	138	87	23694	0.24	0.01	13	6.5	8	2792.1	#N/A	0
														2.13322

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{ve}$ (psf)	C_{ae}	C_{re}	H_o (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{ve}' (psf)	σ_p' (psf)	S_c (ft)
1200	1	30	10	134	91	24307	0.14	0.0037	10	5	2	412.8	9121	0.655843
1200	2	30	10	134	91	24307	0.14	0.0037	10	15	2	986.8	9121	0.855911
1200	3	30	10	134	91	24307	0.14	0.0037	10	25	2	1564.8	9121	0.962224
1200	4	30	10	134	91	24307	0.14	0.0037	10	25	2	1564.8	#N/A	0
1200	5	30	10	134	91	24307	0.14	0.0037	10	25	2	1564.8	#N/A	0
1200	6	30	10	134	91	24307	0.14	0.0037	10	25	2	1564.8	#N/A	0
1200	7	30	10	134	91	24307	0.14	0.0037	10	25	2	1564.8	#N/A	0
1200	8	30	10	134	91	24307	0.14	0.0037	10	25	2	1564.8	#N/A	0
														1.974078

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{ve}$ (psf)	C_{ae}	C_{re}	H_o (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{ve}' (psf)	σ_p' (psf)	S_c (ft)
1200	1	8.5	10	134	91	24307	0.24	0.01	8.5	4.25	2	2033.85	5650	1.401623
1200	2	8.5	10	134	91	24307	0.24	0.01	8.5	4.25	2	2033.85	#N/A	0
1200	3	8.5	10	134	91	24307	0.24	0.01	8.5	4.25	2	2033.85	#N/A	0
1200	4	8.5	10	134	91	24307	0.24	0.01	8.5	4.25	2	2033.85	#N/A	0
1200	5	8.5	10	134	91	24307	0.24	0.01	8.5	4.25	2	2033.85	#N/A	0
1200	6	8.5	10	134	91	24307	0.24	0.01	8.5	4.25	2	2033.85	#N/A	0
1200	7	8.5	10	134	91	24307	0.24	0.01	8.5	4.25	2	2033.85	#N/A	0
1200	8	8.5	10	134	91	24307	0.24	0.01	8.5	4.25	2	2033.85	#N/A	0
														1.401623

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{ve}$ (psf)	C_{ae}	C_{re}	H_o (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{ve}' (psf)	σ_p' (psf)	S_c (ft)
1100	1	35	13	130	75	22546	0.14	0.0037	10	5	0	288	9121	0.613479
1100	2	35	13	130	75	22546	0.14	0.0037	10	15	0	864	9121	0.810973
1100	3	35	13	130	75	22546	0.14	0.0037	10	25	0	1440	9121	0.917544
1100	4	35	13	130	75	22546	0.14	0.0037	5	32.5	0	1872	9121	0.31209
1100	5	35	13	130	75	22546	0.14	0.0037	5	32.5	0	1872	#N/A	0
1100	6	35	13	130	75	22546	0.14	0.0037	5	32.5	0	1872	#N/A	0
1100	7	35	13	130	75	22546	0.14	0.0037	5	32.5	0	1872	#N/A	0
1100	8	35	13	130	75	22546	0.14	0.0037	5	32.5	0	1872	#N/A	0
														2.154087

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{ve}$ (psf)	C_{ae}	C_{re}	H_o (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{ve}' (psf)	σ_p' (psf)	S_c (ft)
1100	1	7	13	130	75	22546	0.24	0.01	7	3.5	0	2165.1	5650	1.105777
1100	2	7	13	130	75	22546	0.24	0.01	7	3.5	0	2165.1	#N/A	0
1100	3	7	13	130	75	22546	0.24	0.01	7	3.5	0	2165.1	#N/A	0
1100	4	7	13	130	75	22546	0.24	0.01	7	3.5	0	2165.1	#N/A	0
1100	5	7	13	130	75	22546	0.24	0.01	7	3.5	0	2165.1	#N/A	0
1100	6	7	13	130	75	22546	0.24	0.01	7	3.5	0	2165.1	#N/A	0
1100	7	7	13	130	75	22546	0.24	0.01	7	3.5	0	2165.1	#N/A	0
1100	8	7	13	130	75	22546	0.24	0.01	7	3.5	0	2165.1	#N/A	0
														1.105777

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{ve}$ (psf)	C_{ae}	C_{re}	H_o (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{ve}' (psf)	σ_p' (psf)	S_c (ft)
1000	1	24	13	125	60	20441	0.14	0.0037	10	5	0	288	9121	0.554674
1000	2	24	13	125	60	20441	0.14	0.0037	10	15	0	864	9121	0.553685
1000	3	24	13	125	60	20441	0.14	0.0037	5	22.5	0	1296	9121	0.279588
1000	4	24	13	125	60	20441	0.14	0.0037	5	22.5	0	1296	#N/A	0
1000	5	24	13	125	60	20441	0.14	0.0037	5	22.5	0	1296	#N/A	0
1000	6	24	13	125	60	20441	0.14	0.0037	5	22.5	0	1296	#N/A	0
1000	7	24	13	125	60	20441	0.14	0.0037	5	22.5	0	1296	#N/A	0
1000	8	24	13	125	60	20441	0.14	0.0037	5	22.5	0	1296	#N/A	0
														1.388047

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{ve}$ (psf)	C_{ae}	C_{re}	H_o (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{ve}' (psf)	σ_p' (psf)	S_c (ft)
1000	1	9	13	125	60	20441	0.24	0.01	9	4.5	0	1574.1	5650	1.325803
1000	2	9	13	125	60	20441	0.24	0.01	9	4.5	0	1574.1	#N/A	0
1000	3	9	13	125	60	20441	0.24	0.01	9	4.5	0	1574.1	#N/A	0
1000	4	9	13	125	60	20441	0.24	0.01	9	4.5	0	1574.1	#N/A	0
1000	5	9	13	125	60	20441	0.24	0.01	9	4.5	0	1574.1	#N/A	0
1000	6	9	13	125	60	20441	0.24	0.01	9	4.5	0	1574.1	#N/A	0
1000	7	9	13	125	60	20441	0.24	0.01	9	4.5	0	1574.1	#N/A	0
1000	8	9	13	125	60	20441	0.24	0.01	9	4.5	0	1574.1	#N/A	0
														1.325803

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{ve}$ (psf)	C_{ae}	C_{re}	H_o (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{ve}' (psf)	σ_p' (psf)	S_c (ft)
900	1	13	12.5	120	50	18812.5	0.14	0.0037	10	5	0	288	9121	0.504927
900	2	13	12.5	120	50	18812.5	0.14	0.0037	5	12.5	0	720	9121	0.251901
900	3	13	12.5	120	50	18812.5	0.14	0.0037	5	12.5	0	720	#N/A	0
900	4	13	12.5	120	50	18812.5	0.14	0.0037	5	12.5	0	720	#N/A	0
900	5	13	12.5	120	50	18812.5	0.14	0.0037	5	12.5	0	720	#N/A	0
900	6	13	12.5	120	50	18812.5	0.14	0.0037	5	12.5	0	720	#N/A	0
900	7	13	12.5	120	50	18812.5	0.14	0.0037	5	12.5	0	720	#N/A	0
900	8	13	12.5	120	50	18812.5	0.14	0.0037	5	12.5	0	720	#N/A	0
														0.756828

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{ve}$ (psf)	C_{ae}	C_{re}	H_o (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{ve}' (psf)	σ_p' (psf)	S_c (ft)
900	1	10	12.5	120	50	18812.5	0.24	0.01	10	5	0	961.8	5650	1.382823
900	2	10	12.5	120	50	18812.5	0.24	0.01	10	5	0	961.8	#N/A	0
900	3	10	12.5	120	50	18812.5	0.24	0.01	10	5	0	961.8	#N/A	0
900	4	10	12.5	120	50	18812.5	0.24	0.01	10	5	0	961.8	#N/A	0
900	5	10	12.5	120	50	18812.5	0.24	0.01	10	5	0	961.8	#N/A	0
900	6	10	12.5	120	50	18812.5	0.24	0.01	10	5	0	961.8	#N/A	0
900	7	10	12.5	120	50	18812.5	0.24	0.01	10	5	0	961.8	#N/A	0
900	8	10	12.5	120	50	18812.5	0.24	0.01	10	5	0	961.8	#N/A	0
														1.382823

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{ve}$ (psf)	C_{ae}	C_{re}	H_o (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{ve}' (psf)	σ_p' (psf)	S_c (ft)
800	1	12	10	120	30	16380	0.14	0.0037	10	5	0	288	9121	0.422101
800	2	12	10	120	30	16380	0.14	0.0037	5	12.5	0	720	9121	0.211468
800	3	12	10	120	30	16380	0.14	0.0037	5	12.5	0	720	#N/A	0
800	4	12	10	120	30	16380	0.14	0.0037	5	12.5	0	720	#N/A	0
800	5	12	10	120	30	16380	0.14	0.0037	5	12.5	0	720	#N/A	0
800	6	12	10	120	30	16380	0.14	0.0037	5	12.5	0	720	#N/A	0
800	7	12	10	120	30	16380	0.14	0.0037	5	12.5	0	720	#N/A	0
800	8	12	10	120	30	16380	0.14	0.0037	5	12.5	0	720	#N/A	0
														0.633569

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{ve}$ (psf)	C_{ae}	C_{re}	H_o (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{ve}' (psf)	σ_p' (psf)	S_c (ft)
800	1	11	10	120	30	16380	0.24	0.01	11	5.5	0	925.5	5650	1.369822
800	2	11	10	120	30	16380	0.24	0.01	11	5.5	0	925.5	#N/A	0
800	3	11	10	120	30	16380	0.24	0.01	11	5.5	0	925.5	#N/A	0
800	4	11	10	120	30	16380	0.24	0.01	11	5.5	0	925.5	#N/A	0
800	5	11	10	120	30	16380	0.24	0.01	11	5.5	0	925.5	#N/A	0
800	6	11	10	120	30	16380	0.24	0.01	11	5.5	0	925.5	#N/A	0
800	7	11	10	120	30	16380	0.24	0.01	11	5.5	0	925.5	#N/A	0
800	8	11	10	120	30	16380	0.24	0.01	11	5.5	0	925.5	#N/A	0
														1.369822

Cente[redacted] Drainage Corridor

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rr}	H_s (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
700	1	20	10	125	10	14740	0.14	0.0037	10	5	0	288	9121	0.359126
700	2	20	10	125	10	14740	0.14	0.0037	5	12.5	0	720	9121	0.180617
700	3	20	10	125	10	14740	0.14	0.0037	5	12.5	0	720	#N/A	0
700	4	20	10	125	10	14740	0.14	0.0037	5	12.5	0	720	#N/A	0
700	5	20	10	125	10	14740	0.14	0.0037	5	12.5	0	720	#N/A	0
700	6	20	10	125	10	14740	0.14	0.0037	5	12.5	0	720	#N/A	0
700	7	20	10	125	10	14740	0.14	0.0037	5	12.5	0	720	#N/A	0
700	8	20	10	125	10	14740	0.14	0.0037	5	12.5	0	720	#N/A	0
														0
														0.539943

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rr}	H_s (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
700	1	7.5	10	125	10	14740	0.24	0.01	7.5	3.75	0	1311.75	5850	0.863818
700	2	7.5	10	125	10	14740	0.24	0.01	7.5	3.75	0	1311.75	#N/A	0
700	3	7.5	10	125	10	14740	0.24	0.01	7.5	3.75	0	1311.75	#N/A	0
700	4	7.5	10	125	10	14740	0.24	0.01	7.5	3.75	0	1311.75	#N/A	0
700	5	7.5	10	125	10	14740	0.24	0.01	7.5	3.75	0	1311.75	#N/A	0
700	6	7.5	10	125	10	14740	0.24	0.01	7.5	3.75	0	1311.75	#N/A	0
700	7	7.5	10	125	10	14740	0.24	0.01	7.5	3.75	0	1311.75	#N/A	0
700	8	7.5	10	125	10	14740	0.24	0.01	7.5	3.75	0	1311.75	#N/A	0
														0
														0.863818

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rr}	H_s (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
600	1	30	8.5	115	0	12494.5	0.14	0.0037	10	5	0	288	9121	0.260727
600	2	30	8.5	115	0	12494.5	0.14	0.0037	10	15	0	864	9121	0.269872
600	3	30	8.5	115	0	12494.5	0.14	0.0037	10	25	0	1440	9121	0.267331
600	4	30	8.5	115	0	12494.5	0.14	0.0037	10	25	0	1440	#N/A	0
600	5	30	8.5	115	0	12494.5	0.14	0.0037	10	25	0	1440	#N/A	0
600	6	30	8.5	115	0	12494.5	0.14	0.0037	10	25	0	1440	#N/A	0
600	7	30	8.5	115	0	12494.5	0.14	0.0037	10	25	0	1440	#N/A	0
600	8	30	8.5	115	0	12494.5	0.14	0.0037	10	25	0	1440	#N/A	0
														0
														0.517928

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rr}	H_s (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
600	1	5	8.5	115	0	12494.5	0.24	0.01	5	2.5	0	1834.5	5850	0.506427
600	2	5	8.5	115	0	12494.5	0.24	0.01	5	2.5	0	1834.5	#N/A	0
600	3	5	8.5	115	0	12494.5	0.24	0.01	5	2.5	0	1834.5	#N/A	0
600	4	5	8.5	115	0	12494.5	0.24	0.01	5	2.5	0	1834.5	#N/A	0
600	5	5	8.5	115	0	12494.5	0.24	0.01	5	2.5	0	1834.5	#N/A	0
600	6	5	8.5	115	0	12494.5	0.24	0.01	5	2.5	0	1834.5	#N/A	0
600	7	5	8.5	115	0	12494.5	0.24	0.01	5	2.5	0	1834.5	#N/A	0
600	8	5	8.5	115	0	12494.5	0.24	0.01	5	2.5	0	1834.5	#N/A	0
														0
														0.506427

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rr}	H_s (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
500	1	40	8	100	0	10936	0.14	0.0037	10	5	0	288	9121	0.181671
500	2	40	8	100	0	10936	0.14	0.0037	10	15	0	864	9121	0.194446
500	3	40	8	100	0	10936	0.14	0.0037	10	25	0	1440	9121	0.216215
500	4	40	8	100	0	10936	0.14	0.0037	10	35	0	2016	9121	0.237468
500	5	40	8	100	0	10936	0.14	0.0037	10	35	0	2016	#N/A	0
500	6	40	8	100	0	10936	0.14	0.0037	10	35	0	2016	#N/A	0
500	7	40	8	100	0	10936	0.14	0.0037	10	35	0	2016	#N/A	0
500	8	40	8	100	0	10936	0.14	0.0037	10	35	0	2016	#N/A	0
														0
														0.8288

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rr}	H_s (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
500	1	0	8	100	0	10936	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
500	2	0	8	100	0	10936	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
500	3	0	8	100	0	10936	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
500	4	0	8	100	0	10936	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
500	5	0	8	100	0	10936	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
500	6	0	8	100	0	10936	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
500	7	0	8	100	0	10936	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
500	8	0	8	100	0	10936	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
														0
														0

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rr}	H_s (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
400	1	35	7.5	85	0	9377.5	0.14	0.0037	10	5	0	288	9121	0.090779
400	2	35	7.5	85	0	9377.5	0.14	0.0037	10	15	0	864	9121	0.10832
400	3	35	7.5	85	0	9377.5	0.14	0.0037	10	25	0	1440	9121	0.13336
400	4	35	7.5	85	0	9377.5	0.14	0.0037	5	32.5	0	1872	9121	0.076487
400	5	35	7.5	85	0	9377.5	0.14	0.0037	5	32.5	0	1872	#N/A	0
400	6	35	7.5	85	0	9377.5	0.14	0.0037	5	32.5	0	1872	#N/A	0
400	7	35	7.5	85	0	9377.5	0.14	0.0037	5	32.5	0	1872	#N/A	0
400	8	35	7.5	85	0	9377.5	0.14	0.0037	5	32.5	0	1872	#N/A	0
														0
														0.409656

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rr}	H_s (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
400	1	0	7.5	85	0	9377.5	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
400	2	0	7.5	85	0	9377.5	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
400	3	0	7.5	85	0	9377.5	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
400	4	0	7.5	85	0	9377.5	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
400	5	0	7.5	85	0	9377.5	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
400	6	0	7.5	85	0	9377.5	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
400	7	0	7.5	85	0	9377.5	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
400	8	0	7.5	85	0	9377.5	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
														0
														0

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rr}	H_s (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
300	1	35	7	65	0	7319	0.14	0.0037	10	5	0	288	9121	0.052607
300	2	35	7	65	0	7319	0.14	0.0037	10	15	0	864	9121	0.036127
300	3	35	7	65	0	7319	0.14	0.0037	10	25	0	1440	9121	0.029011
300	4	35	7	65	0	7319	0.14	0.0037	5	32.5	0	1872	9121	0.015047
300	5	35	7	65	0	7319	0.14	0.0037	5	32.5	0	1872	#N/A	0
300	6	35	7	65	0	7319	0.14	0.0037	5	32.5	0	1872	#N/A	0
300	7	35	7	65	0	7319	0.14	0.0037	5	32.5	0	1872	#N/A	0
300	8	35	7	65	0	7319	0.14	0.0037	5	32.5	0	1872	#N/A	0
														0
														0.132793

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_{sc}	C_{rr}	H_s (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_c (ft)
300	1	0	7	65	0	7319	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
300	2	0	7	65	0	7319	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
300	3	0	7	65	0	7319	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
300	4	0	7	65	0	7319	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
300	5	0	7	65	0	7319	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
300	6	0	7	65	0	7319	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
300	7	0	7	65	0	7319	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
300	8	0	7	65	0	7319	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
														0
														0

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_w	C_c	H_o (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_o (ft)
200	1	35	7	40	0	4819	0.14	0.0037	10	5	0	288	9121	0.046205
200	2	35	7	40	0	4819	0.14	0.0037	10	15	0	864	9121	0.030268
200	3	35	7	40	0	4819	0.14	0.0037	10	25	0	1440	9121	0.023511
200	4	35	7	40	0	4819	0.14	0.0037	5	32.5	0	1872	9121	0.010234
200	5	35	7	40	0	4819	0.14	0.0037	5	32.5	0	1872	#N/A	0
200	6	35	7	40	0	4819	0.14	0.0037	5	32.5	0	1872	#N/A	0
200	7	35	7	40	0	4819	0.14	0.0037	5	32.5	0	1872	#N/A	0
200	8	35	7	40	0	4819	0.14	0.0037	5	32.5	0	1872	#N/A	0
														0.110318

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_w	C_c	H_o (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_o (ft)
200	1	0	7	40	0	4819	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
200	2	0	7	40	0	4819	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
200	3	0	7	40	0	4819	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
200	4	0	7	40	0	4819	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
200	5	0	7	40	0	4819	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
200	6	0	7	40	0	4819	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
200	7	0	7	40	0	4819	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
200	8	0	7	40	0	4819	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
														0

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_w	C_c	H_o (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_o (ft)
100	1	40	22.5	0	0	2632.5	0.14	0.0037	10	5	0	288	9121	0.037224
100	2	40	22.5	0	0	2632.5	0.14	0.0037	10	15	0	864	9121	0.022483
100	3	40	22.5	0	0	2632.5	0.14	0.0037	10	25	0	1440	9121	0.016705
100	4	40	22.5	0	0	2632.5	0.14	0.0037	10	35	0	2016	9121	0.013424
100	5	40	22.5	0	0	2632.5	0.14	0.0037	10	35	0	2016	#N/A	0
100	6	40	22.5	0	0	2632.5	0.14	0.0037	10	35	0	2016	#N/A	0
100	7	40	22.5	0	0	2632.5	0.14	0.0037	10	35	0	2016	#N/A	0
100	8	40	22.5	0	0	2632.5	0.14	0.0037	10	35	0	2016	#N/A	0
														0.050618

Horizontal Location (ft)	Point	Thickness of Residual Soil (ft)	Thickness of Fill Layer (ft)	Height of Wet Waste (ft)	Height of Dry Waste (ft)	$\Delta\sigma_{vo}'$ (psf)	C_w	C_c	H_o (ft)	Depth to Point (ft)	Depth to Water Table (ft)	σ_{vo}' (psf)	σ_p' (psf)	S_o (ft)
100	1	0	22.5	0	0	2632.5	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
100	2	0	22.5	0	0	2632.5	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
100	3	0	22.5	0	0	2632.5	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
100	4	0	22.5	0	0	2632.5	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
100	5	0	22.5	0	0	2632.5	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
100	6	0	22.5	0	0	2632.5	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
100	7	0	22.5	0	0	2632.5	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
100	8	0	22.5	0	0	2632.5	0.24	0.01	0	#N/A	0	#N/A	#N/A	0
														0