

### SLC Fall Cone and Laboratory Vane Measurement Log

Entry	Location						Who and When			Fall Cone Measurements					Lab Vane Measurements				Remarks
No.	Hole	Core	Section	Depth	Depth	Surface	Tester Initial	Date	Time	Cone	Cone Mass	Penetration	Strength (K = 0.4)	Strength (K = 0.29)	Vane Diameter	File Name	Peak Strength	Remolded Strength	
				(cm)	MBSF	Vert Horiz				(°)	(g)	(mm)	(kPa)	(kPa)	(mm)		(kPa)	(kPa)	
1	H003	1H	4a	95	5.45	Horiz	DS+JTG	9/18/2023	1800	60	80	7.05	6.32	4.58	12.7	LV001	11.93	3.95	
2	H003	1H	5a	81	6.81	Horiz	DS+JTG	9/18/2023	1815	60	80	7.85	5.09	3.69	12.7	LV002	9.90	3.25	
3	H003	2H	1a	100	9.23	Horiz	DS+JTG	9/19/2023	700	60	80	7.00	6.41	4.64	12.7	LV003	12.79	5.23	
4	H003	2H	2a	100	10.73	Horiz	DS+JTG	9/19/2023	710	60	80	4.00	19.62	14.22	12.7	LV004	9.48	3.87	
5	H003	2H	3a	100	12.23	Horiz	DS+JTG	9/19/2023	730	60	80	9.65	3.37	2.44	12.7	LV005	5.58	NM	NM = 2nd shear phase did not start.
6	H003	2H	3a	100	12.23	Horiz	DS+JTG	9/19/2023	745	60	80	9.65	3.37	2.44	12.7	LV005A	5.71	1.51	
7	H003	2H	4a	100	13.73	Horiz	DS+JTG	9/19/2023	800	60	80	5.70	9.66	7.00	12.7	LV006	9.22	2.97	
8	H003	2H	5a	100	15.23	Horiz	DS+JTG	9/19/2023	820	60	80	6.35	7.79	5.64	12.7	LV007	11.32	3.21	
9	H003	2H	6a	100	16.73	Horiz	DS+JTG	9/19/2023	835	60	80	5.10	12.07	8.75	12.7	LV008	11.11	4.23	
10	H003	2H	7a	66	17.89	Horiz	DS+JTG	9/19/2023	850	60	80	6.80	6.79	4.92	12.7	LV009	12.20	3.70	