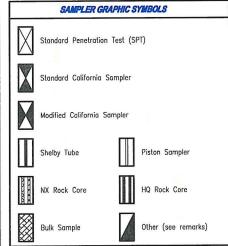
Smokin /	Sambol	Group Names	Graphic / S	Symbol	Group Names
Graphic /	Symbol	Group realities	CIONIC/S	JIIIJUI	Lean CLAY
000	GW	Well-graded GRAVEL Well-graded GRAVEL with SAND Poorly-graded GRAVEL		CL.	Lean CLAY with SAND Lean CLAY with GRAVEL SANDY lean CLAY SANDY lean CLAY with GRAVEL
000	GP	Poorly-graded GRAVEL with SAND		-	GRAVELLY lean CLAY GRAVELLY lean CLAY with SAND SILTY CLAY
	GW-GM	Well-graded GRAVEL with SILT Well-graded GRAVEL with SILT and SAND		CL-ML	SILTY CLAY with SAND SILTY CLAY with GRAVEL SANDY SILTY CLAY
60	GW-GC	Well-graded GRAVEL with CLAY (or SILTY CLAY) Well-graded GRAVEL with CLAY and SAND (or SILTY CLAY and SAND)			SANDY SILTY CLAY with GRAVEL GRAVELLY SILTY CLAY GRAVELLY SILTY CLAY with SAND
	GP-GM	Poorly—graded GRAVEL with SILT Poorly—graded GRAVEL with SILT and SAND Poorly—graded CRAVEL with SILY		ML	SILT SILT with SAND SILT with GRAVEL SANDY SILT
	GP-GC	Poorly—graded GRAVEL with CLAY (or SILTY CLAY) Poorly—graded GRAVEL with CLAY and SAND (or SILTY CLAY and SAND)			SANDY SILT with GRAVEL GRAVELLY SILT GRAVELLY SILT with SAND ORGANIC lean CLAY
	GM	SILTY GRAVEL SILTY GRAVEL with SAND		OL	ORGANIC lean CLAY with SAND ORGANIC lean CLAY with GRAVEL SANDY ORGANIC lean CLAY
1000	GC	CLAYEY GRAVEL with SAND			SANDY ORGANIC lean CLAY with GRAVEL GRAVELLY ORGANIC lean CLAY GRAVELLY ORGANIC lean CLAY with SAND ORGANIC SILT
	GC-GM	SILTY, CLAYEY GRAVEL SILTY, CLAYEY GRAVEL with SAND		OL	ORGANIC SILT with SAND ORGANIC SILT with GRAVEL SANDY ORGANIC SILT
Δ. Δ. Δ. Δ.	SW	Well-graded SAND Well-graded SAND with GRAVEL			SANDY ORGANIC SILT with GRAVEL GRAVELLY ORGANIC SILT GRAVELLY ORGANIC SILT with SAND Fot CLAY
	SP	Poorly—graded SAND Poorly—graded SAND with GRAVEL		СН	Fat CLAY with SAND Fat CLAY with GRAVEL SANDY fat CLAY
44	SW-SM	Well-graded SAND with SILT Well-graded SAND with SILT and GRAVEL			SANDY fot CLAY with GRAVEL GRAVELLY fot CLAY GRAVELLY fot CLAY with SAND Elostic SILT
4/	SW-SC	Well—graded SAND with CLAY (or SILTY CLAY) Well—graded SAND with CLAY and GRAVEL (or SILTY CLAY and GRAVEL)		мн	Elastic SILT with SAND Elastic SILT with GRAVEL SANDY elastic SILT
	SP-SM	Poorly -graded SAND with SILT Poorly-graded SAND with SILT and GRAVEL Poorly-graded SAND with CLAY		-	SANDY elastic SILT with GRAVEL GRAVELLY elastic SILT GRAVELLY elastic SILT with SAND ORGANIC fat CLAY
	SP-SC	Poorly—graded SAND with CLAY (or SILTY CLAY) Poorly—graded SAND with CLAY and GRAVEL (or SILTY CLAY and GRAVEL) SILTY SAND		ОН	ORGANIC fat CLAY with SAND ORGANIC fat CLAY with GRAVEL SANDY ORGANIC fat CLAY SANDY ORGANIC fat CLAY with GRAVEL
	SM	SILTY SAND with GRAVEL		-	GRAVELLY ORGANIC fot CLAY GRAVELLY ORGANIC fot CLAY with SAND ORGANIC elastic SILT
	sc	CLAYEY SAND CLAYEY SAND with GRAVEL		ОН	ORGANIC elastic SILT with SAND ORGANIC elastic SILT with GRAVEL SANDY ORGANIC elastic SILT
	SC-SM	SILTY, CLAYEY SAND SILTY, CLAYEY SAND with GRAVEL			SANDY ORGANIC elastic SILT with GRAVEL GRAVELLY ORGANIC elastic SILT GRAVELLY ORGANIC elastic SILT with SANI ORGANIC SOIL
# # # # # # # # # #	PT	PEAT		OL/OH	ORGANIC SOIL ORGANIC SOIL with SAND ORGANIC SOIL with GRAVEL SANDY ORGANIC SOIL
		COBBLES COBBLES and BOULDERS BOULDERS		or/ on	SANDY ORGANIC SOIL with GRAVEL GRAVELLY ORGANIC SOIL with SAND

	FIELD AND LABORATORY TESTING
С	Consolidation (ASTM D 2435)
CL	Collapse Potential (ASTM D 5333)
CP	Compaction Curve (ASTM D1557
CR	Corrosivity Testing (CTM 643, CTM 422, CTM 417)
CU	Consolidated Undrained Triaxial (ASTM D 4767)
DS	Direct Shear (ASTM D 3080)
El	Expansion Index (ASTM D 4829)
М	Moisture Content (ASTM D 2216)
oc	Organic Content-% (ASTM D 2974)
Р	Permeability (CTM 220)
PA	Particle Size Analysis (ASTM D 422)
PI	Plasticity Index (ASTM D4318)
PL	Point Load Index (ASTM D 5731)
PM	Pressure Meter
R	R-Value (CTM 301)
SA	Sieve Analysis (ASTM D6913)
SE	Sand Equivalent (ASTM D2419)
SG	Specific Gravity (AASHTO T 100)
SL	Shrinkage Limit (ASTM D 427)
SW	Swell Potential (ASTM D 4546)
UC	Unconfined Compression-Soil (ASTM D 2166)
UU	Unconsolidated Undrained Triaxial (ASTM D 2850)
UW	Unit Weight (ASTM D 7263)
1	
1	



Auger Drilling Rotary Drilling Dynamic Cone or Hand Driven Diamond Core

WATER LEVEL SYMBOLS

✓ First Water Level Reading (during drilling)
✓ Static Water Level Reading (short-term)
✓ Static Water Level Reading (long-term)

REFERENCE: Caltrans Soil and Rock Logging, Classification, and Presentation Manual (2010)



County of Fresno
Department of Public Works and Planning
Construction Division
Materials Laboratory
4553 E Hamilton Ave, Bldg 413
Fresno, CA 93702

REPORTTITLE	BORING RECOR	D LEGEND (1 OF 2)	
DIST.	COUNTY FRESHO	ROUTE	POSTMLE
PROJECT	RESNO COUNTY ANIMAL C	ONTROL & ADOPTION	CENTER
PROJECT NUMBER	PREPARED BY RAIDEEP SINGH	DATE SH42820	SHEET 1 OF 34

	CONSISTENCY OF COHESIVE SOILS											
Description	Shear Strangth (tsf)	Pocket Penetrometer, PP, Measurement (tsf)	Torvane, TV, Measurement (Isf)	Vane Shear, VS, Measurement (tsl)								
Very Soft	Less than 0.12	Less than 0.25	Less than 0.12	Less than 0.12								
Soft	0.12 - 0.25	0.25 - 0.5	0.12 - 0.25	0.12 - 0.25								
Medium Stiff	0.25 - 0.5	0.5 - 1	0.25 - 0.5	0.25 - 0.5								
Stiff	0.5 - 1	1 - 2	0.5 - 1	0.5 - 1								
Very Stiff	1- 2	2 - 4	1- 2	1- 2								
Hard	Greater than 2	Greater than 4	Greater than 2	Greater than 2								

Description	SPTN (plows / 12 inches)		
Very Loose	0 - 5		
Loose	5 - 10		
Medium Dense	10 - 30		
Dense	30 - 50		
Very Dense	Greater than 50		

MOISTURE								
Critoria								
No discernable moisture								
Moisture present, but no free water								
Visible free water								
	No discernable moisture Moisture present, but no free water							

PERCENT OR PROPORTION OF SOILS								
Description	Criteria							
Trace	Particles are present but estimated to be less than 5%							
Few	5 - 10%							
Little	15 - 25%							
Some	30 - 45%							
Mostly	50 - 100%							

	PAR	TICLE SIZE	
Description		Size (in)	
Boulder		Greater than 12	
Cobble		3 - 12	
0 1	Coarse	3/4 - 3	- E
Gravel	Fine	1/5 - 3/4	
	Coarse	1/16 - 1/5	
Sand	Medium	1/64 - 1/16	
	Fine	1/300 - 1/64	
Silt and Clay		Less than 1/300	

	CEMENTATION									
Description	Criteria									
Weak	Crumbles or breaks with handling or little finger pressure.									
Moderate	Crumbles or breaks with considerable finger pressure.									
Strong	Will not crumble or break with finger pressure.									

REFERENCE: Caltrans Soil and Rock Logging, Classification, and Presentation Manual (2010)



County of Fresno
Department of Public Works and Planning
Construction Division
Materials Laboratory
4553 E Hamilton Ave, Bldg 413
Fresno, CA 93702

REPORT TITLE	BORING RECOR	D LEGEND (2 OF 2)	
DIST.	COUNTY FRESINO	ROUTE	POSTMILE
PROJECT FT	RESNO COUNTY ANIMAL C	ONTROL & ADOPTION	CENTER
PROJECT NUMBER	PREPARED BY RAJDEEP SINGH	DATE	SHEET 20F34

LOGGED BY RAJDEEP SINGH	BEGIN DATE COMPLETION DATE 4/20/2020 4/20/2020	BOREHOLE LO	OCATIO	ON (L	at/Lon	ng or	North	/East	and	Datun	1)		HOLE I	D		
DRILLING CONTRACTOR Materials Laboratory		BOREHOLE LO			from	the S	outhw	est c	orner	of th	e pro	perty	SURFA	CE ELEVA	TION	
DRILLING METHOD Rotary Auger		DRILLING TRU		d F 5	50			5 1					BOREH 7.25	OLE DIAM	ETER	
SAMPLER TYPE(S) AND S	SIZE(S)	SPT HAMMER											HAMME 140	R EFFICIE	NCY	
BOREHOLE BACKFILL AND	D COMPLETION	GROUNDWATE			URING N/A	G DRILL	ING	٨	FTER		ING (DATE)	TOTAL 5.0 f	DEPTH OI	BORING	
ELEVATION (ft) DEPTH (ft) Material Graphics	DESCRIPTION	Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)		Drilling Method	casing Deptin		Remark	s	
1 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9 10 11 11 12 12 12	Bottom of borehole at 5.0 ft. Boring terminated at planned depth. This boring record was prepared in accorwith the Coltrans Soil & Rock Logging, Cland Presentation Manual (2010) with the 2015 Errata.	dance assification,	20-0280								222222	SA, -S	ulphates,	Value, & Chloride		tivity
	County of Fresno Department of Public Works and Planning			DEPORT	MLE		0	OUNTY	BOR	NG RE		0 (1 OF 1	<i>(6)</i>	POS	TMLE	
S N	Construction Division Materials Laboratory			ROJECT		FRI			FRESH TY AN				DOPTION	V CENTER		
FREST	1553 E Hamilton Ave, Bldg 413 Fresno, CA 93702		F	ROJECT	NUMBER TOOST	P		REPARE				M7E	(20/2020	SHE	3 OF 3	,

LOGGED BY BEGIN DATE COMPLETION DATE RAJDEEP SINGH 4/20/2020 4/20/2020	BOREHOL	E LC	CATIC	ON (Lo	at/Lon	ng or	North	/East	and	Datun	1)		HOLE ID		
DRILLING CONTRACTOR Materials Laboratory	BOREHOL 423' No				from	the S	Southw	rest c	orner	of th	e proj	erty	SURFACE	ELEVATION	
DRILLING METHOD Rotary Auger	DRILLING CME 45			1 F 5	50	ia Li						£**	BOREHO 7.25 in	LE DIAMETER	
SAMPLER TYPE(S) AND SIZE(S) Bulk	SPT HAM											-	HAMMER 140 lbs	EFFICIENCY 5	
BOREHOLE BACKFILL AND COMPLETION NATIVE SOIL	GROUNDY N/A	VATER	?	[URING N/A		LING	1	AFTER N/		ING (I	OATE)	TOTAL DI	EPTH OF BO	RING
DEPTH (ft) Material Graphics Moterial Graphics	2	Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method			Remarks	
Bottom of borehole at 5.0 ft. Boring terminated at planned depth. This boring record was prepared in accord with the Caltrans Soil & Rock Logging, Cle and Presentation Manual (2010) with the 2015 Errato.	iance assification,		20-0281		mie						777777			ulue, & CR	
County of Fresno Department of Public Works and Planning				NEPORT	ME		0	COUNTY				(2 OF :	16)	POSTMLE	
Construction Division Materials Laboratory			L	ROJECT		FR			FRESH FTY AN		CONTI	ROL & A	LDOPTION (CENTER	
4553 E Hamilton Ave, Bldg 413 Fresno, CA 93702			F	ROJECT	NUMBE TROST		F	REPARE R	D BY	SINGH	D	ATE	0202020	SHEET	40F34

LOGGED BY BEGIN DA RAJDEEP SINGH 4/20/2		BOREHO	LE L	OCATIO	ON (Lo	at/Lon	ig or	North/	/East ar	nd Datu	m)		HOLE ID		
DRILLING CONTRACTOR Materials Laboratory		BOREHO 241' I				rom t	he So	uthwes	st corne	er of th	e prope	erty	SURFACE E	LEVATION	And the second second
DRILLING METHOD Rotary Auger		DRILLING			d F 5	50							BOREHOLE 7.25 in.	DIAMETER	
SAMPLER TYPE(S) AND SIZE(S) Bulk	,	SPT HAI					-						HAMMER EF	FICIENCY	
BOREHOLE BACKFILL AND COMPLETI NATIVE SOIL	NC	GROUNE N/A				URING N/A	DRIL	LING		ER DRIL N/A	LING (C	DATE)	TOTAL DEPT	H OF BORING	
DEPTH (ft)	DESCRIPTION	1 1//	Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)		(pcf) Shear Strength (fsf)	Drilling Method			marks	
Bottom Boring to This bor with the and Pre 2015 Er	-Tresno	lassificatio October	n,		REPORT.	mie				ORING R			5)		
Department Construction	t of Public Works and Planning In Division				DIST.			α	OUNTY FI	TESMO	R	OUTE		POSTIMLE	
Materials L 4553 E Hal				PROJECT	NUMBE			REPARED B	r		47E	DOPTION CEI	SHEET		
Fresno, CA	93702					770031				EEP SINGH			202020	5 OF 34	

LOGGED BY RAJDEEP SINGH	BEGIN DATE COMPLETION DATE 4/20/2020 4/20/2020	BOREHOLE LOC	ATION (L	at/Long or	North/East	and Datum)	HOLE ID	
DRILLING CONTRAC		BOREHOLE LOC 86' North 68		rom the So	uthwest corr	ner of the proper	SURFACE E	LEVATION
DRILLING METHOD Rotary Auger	,	DRILLING TRUCK	K				BOREHOLE 7.25 in.	DIAMETER
SAMPLER TYPE(S) Bulk	AND SIZE(S)	SPT HAMMER T					HAMMER EF 140 lbs	FICIENCY
BOREHOLE BACKFI	LL AND COMPLETION	GROUNDWATER N/A		DURING DRI		NFTER DRILLING (C	TOTAL DEPT	TH OF BORING
ELEVATION (ft) DEPTH (ft)	Moterrial Graphics Moterrial Graphics	Sample Location	Blows per 6 in.	Blows per foot Recovery (%)	RQD (%) Moisture Content (%)	Dry Unit Weight (pcf) Shear Strength (tsf) Drilling Method	Re	marks
2 3	Bottom of borehole at 5.0 ft. Boring terminated at planned depth. This boring record was prepared in accowith the Caltrans Soil & Rock Logging, (and Presentation Manual (2010) with the 2015 Errata.	rdance Classification,					Hold	
SE COUN	County of Fresno Department of Public Works and Planning		REPORT	me	COUNTY	BORING RECORD	(4 OF 16)	POSTMILE
	Construction Division Materials Laboratory		DIST.	<i>T</i> _		FRESHO		Company of the Compan
FRES	4553 E Hamilton Ave, Bldg 413 Fresno, CA 93702		PROJEC	TNUMBER	PREPARE	DBY D	TOL & ADOPTION CEI	SHEET GOTSI
	FIGSHU, CA 33/UZ			700310	R/A	LIDEEP SINGH	4/20/2020	0 UF 34

DREINE METHOD DREINE METHOD SIN Port STATE AND Four Factors DREINE METHOD Reference Leveration DREINE METHOD SIN Previous Four Factors And Drey Hommer And Drey Hommer DREINE METHOD DREINE METHOD DREINE METHOD SIN PREVIous Four Factors And Drey Hommer MINNE SOL BERRICE ENGINE NO. (27) DREINE METHOD DREIN	LOGGED	D BY EEP SING	GH	BEGIN DATE 4/20/2020	COMPLETION DAT 4/20/2020	E BOREH	OLE L	OCATIO	ON (L	at/Lor	g or	North	/East	and	Datun	1)		OLE ID B-5			
BORDANE MATERIAL PROJECTS AND SECTION SET HAMSE THE FOR \$ 550 SPENINGER PROJECT AND COMPLETION AND BORDANE AND COMPLETION NATIVE SOL. CONTROL AND COMPLETION CONTROL AND	E			*						rom t	he So	uthwe	st co	rner o	of the	prope		URFACE	ELEVATION	l	
### BORNALE MAJER LAND COMPLETION #### CREATING MAJER CONTROL MAJER CONT	DRILLIN	IG METH	OD						d F 5	50						2 11				R	
SCHOOL BACKFIL AND COMPLETION				SIZE(S)	<i>i</i> -														FFICIENCY		
DESCRIPTION 1	BOREH	OLE BAC		ID COMPLETION	-		DWATE	R	ĺ		DRILI	LING	1			ING (D			TH OF B	ORING	
10	ELEVATION (ft)	DEPTH (ft)	Material Graphics		DESCRIPTION		Sample Location	Sample Number	per	Blows per foot		RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method Casing Depth		R	lemarks		
COUNTY of Fresno Burana Record (5 or 16)		1 2 3 4 5 6 7 8 8 9 10 11 11		Darker	SM), brown, moist, Fine			20-0285 20-0284 20-0283	17 21 18 13 50 50/	2"							SA, SE		ue, & CR		
II (*Y) (*A) VEX DEPARTMENT OF PUBLIC VYOINS AND FISHINING DIST. COUNTY ROUTE POSIMILE	AT.	COV				ina				mlE			201 5		ING R				pnone	-	
Construction Division RESINO FRESINO FRESINO FRESINO FRESINO COUNTY ANIMAL CONTROL & ADOPTION CENTER			MIN	Construction Div	rision	uig				r				FRES				DTION C			
4553 E Hamilton Ave, Bldg 413 PROJECT NUMBER PREPARED BY DATE SHEET	OF.	FRE	*	4553 E Hamilton	Ave, Bldg 413			-	PROJEC		P		REPARE	D BY			ITE			70F34	

LOGGE	D BY	SH SH	BEGIN DATE 4/20/2020	COMPLETION DA 4/20/2020	TE BOREHOL	E L	OCATIO	ON (Le	at/Lon	ng or	North	/East	and	Datun	n)		HOL B-	E ID -5	
DRILLI	NG CONT	RACTOR			BOREHOL 68' No				from t	he So	outhwe	est co	rner (of the	pro	perty	100000000	RFACE ELEVATION	
DRILLI	NG METH				DRILLING CME 45			d F 5	50									REHOLE DIAMETER 25 in.	The state of the s
SAMPL		(S) AND S	SIZE(S)		SPT HAN													MER EFFICIENCY O Ibs	
BOREI			COMPLETION		GROUND'	WATE	R	[OURING N/A				N/	-		(DAT	,	AL DEPTH OF BORING	1G
ELEVATION (ft)	DEPTH (ft)	Material Graphics		DESCRIPTION		Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	Casing Depth		Remarks	
	13		-Gravel SILTY SAND (SM),	light grey, fine				11							2		SA		
2 -1	15		•	at planned depth.															
	16		with the Caltrans	d was prepared in a Soil & Rock Loggir Manual (2010) with	a, Classification	٦,													
	18																		
	19 -																		
	21							ě.											
	22							ā											
	23	_																	
	24		_														_		
A	& CO		County of Fresno	lie Worke and Disr	nina			REPORT	TIMLE			COUNT		UNG R	ECO	RD (S	5 OF 16)	POSTMILE	
8		Mind	Department of Publ Construction Division Materials Laborator	on	mary			DIST. PROJEC	OT .				FRE		WAI			OPTION CENTER	
0	FRE		4553 E Hamilton A Fresno, CA 93702				PROJEC	CT NUMBA TEOSTO	ER		PREPAR				DA17		SHEET 8 OF 3	W	

LOGGE	D BY EEP SIN	GH	BEGIN DATE 5/12/2020	COMPLETION DAT 5/12/2020	E BOREHOI	LE L	OCATIO	ON (L	at/Lor	ng or	North	/East	and	Datum)		HOLE ID		
		TRACTOR			BOREHOI 68' No				from	the So	outhwe	est co	rner o	of the	prop	perty	SURFACE	ELEVATION	
	IG METH			_	DRILLING CME 4			d F 5	50			-					BOREHO 7.25 in	LE DIAMETER	
		(S) AND			SPT HAN												HAMMER 140 lbs	EFFICIENCY S	_
	OLE BAI E SOIL	CKFILL A	ND COMPLETION		GROUND N/A	WATE	IR .	[OURING N/A				N/		NG ((DATE)	TOTAL DI 16.5 ft	EPTH OF BORI	NG
ELEVATION (ft)	DEPTH (ft)	Material Graphics		DESCRIPTION		Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	Casing Depth		Remarks	e 1
	1 2		SILTY SAND (SM),	brown, moist, Fine			20-0363	13 21 19								5A, [Density, Mo	isture, & Direc	et Shear (£
	3 4		-Medium Sand																
	5		SILTY SAND (SM).	brown, moist, Fine			20-0364	4 4 5								SA	, Density, &	W Moisture (6.	2)
	7		—Hard Pan						E N						2				
	9					\bigvee	20-0365	15 27 46							}	Si	A (6.3)		
	10		-Rustic Veins SILTY SAND (SM), (Gray		\bigvee	20-0366	16						-		SA	& PI (6.4))	
	11				•			26										1	
D. T.	COL		County of Fresno Department of Publi	ic Works and Diagra	ina			REPORT	MLE			COUNTY		NG RE		D (6 OF	16)	POSTMLE	
8			Deparment of Publi Construction Division Materials Laborator	n	ng			PROJECT	r				FRESI				ADOPTON	1	-
OF	FRE		4553 E Hamilton Av				L	PROJECT	TNUMBE	R		PREPARE	D BY			DATE	ADOPTION	SHEET	AF 64
			Fresno, CA 93702						TEES	10		R	LOSS	SINGH		The state of the state of	5122020	91	OF 34

RAJDEEP SINGH 5 DRILLING CONTRACTOR Materials Laboratory DRILLING METHOD		DODEHOL												B-6		
DRILLING METHOD		68' No		OCATIO		rom t	ne So	uthwes	st cor	ner o	of the	prop	erty	SURFACE EL	EVATION	
Rotary Auger		DRILLING CME 45			I F 5	50								BOREHOLE I	DIAMETER	
SAMPLER TYPE(S) AND SIZE(Bulk - CAL (3") - SPT (2		SPT HAM												HAMMER EFF	FICIENCY	
BOREHOLE BACKFILL AND CO		GROUNDI N/A	WATE	R	D	URING N/A	DRILL	ING	A	FTER	DRILL A	ING (DATE)	TOTAL DEPTH	H OF BORING	
ELEVATION (ft) DEPTH (ft) Material Graphics	DESCRIPTION		Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	casing Depth	Rer	narks	
13 14 15 16 17 18 19 19 20 21 22 23 24 24 24 24 24 24	SILTY SAND (SM), gray, moist, Fine —Iron Oxide Veins Bottom of borehole at 16.5 ft. Boring terminated at planned depth. This boring record was prepared in accord with the Caltrans Soil & Rock Logging, Cland Presentation Manual (2010) with the 2015 Errata.	assification		20-0367	20 40 50				COLANTY	BOR			18 2		Moisture (6.5)	
Con	partment of Public Works and Planning Instruction Division Internals Laboratory				DIST. PROJECT	T				FRES				L & ADOPTION (
	anais Laboratory 3 E Hamilton Ave, Bldg 413						R		NO GU REPARE		ANIM		DATE	L & ALUUP HUN C	SHET	-

LOGGE	D BY EEP SING	Н	BEGIN DATE COMPLETION DATE 5/12/2020 5/12/2020	BOREHO	LE L	OCATIO	ON (Lo	ıt/Lon	g or	North	/East	and	Datun	n)		HOLE ID		
DRILLIN	IG CONTR	ACTOR		BOREHO 136' N				from	the S	outhw	rest c	orner	of th	ne pr	roperty	25 TO	ELEVATION	
DRILLIN	NG METHO y Auger		_	DRILLING CME 4			d F 5	50								BOREHOL 7.25 in	LE DIAMETER	
SAMPLI	ER TYPE(- CAL (SPT HA!												HAMMER 140 lbs	EFFICIENCY	
BOREH			D COMPLETION	GROUND N/A				URING N/A	DRIL			N/	A		(DATE	TOTAL DE 25.0 ft	EPTH OF BORING	
ELEVATION (ft)	ОЕРТН (ft)	Material Graphics	DESCRIPTION		Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	Casing Depth		Remarks	
	1 2 3 4		SILTY SAND (SM), brown, moist, Fine -Medium Sand			9 20-0368	10 20 17						H 10	22222222	ć.	SA, Density, &	Moisture (7.1)	
	6 7		-Light Brown, Hard pan, Fine			20-0369	5									SA, Density, &	& Moisture (7.2)	
	9 10 11 11 12		-Some gravel -iron oxide veins		\ /	20-0370		(4.5"								SA, Density, 8	k Moisture (7.3)	
AS .	COU		County of Fresno Department of Public Works and Planning	7			REPORT	ME			COUNT		RING	REC	ORD (7 OF 16)	POSTMILE	
8		- In	Department of Public Works and Planning Construction Division Materials Laboratory	,			PROJEC	T	FR			FRES		CON		& ADOPTION C		
Q.	FRES	*	4553 E Hamilton Ave, Bldg 413 Fresno, CA 93702				PROJEC	T NUMBE TROST			PREPAR			_	DATE		SHEET 11 OF 34	

LOGGEI RAJDI	D BY EEP SINGH	BEGIN DATE COMPLETION DATE 5/12/2020 5/12/2020	BOREHO	LE LOC	ATION (Lat/Lo	ng or	North,	/East ar	nd Datur	n) <u> </u>	HOLE ID B-7
	NG CONTRACTOR		BOREHOI 136' N			t from	the S	outhw	est corr	ner of th	ne prope	SURFACE ELEVATION erty
DRILLIN	NG METHOD ry Auger		DRILLING CME 4		K Ford F	550						BOREHOLE DIAMETER 7.25 in.
	ER TYPE(S) AN - CAL (3") -		SPT HAN									HAMMER EFFICIENCY 140 lbs
BOREH		AND COMPLETION	GROUND'	WATER		DURING N/A	G DRILI	LING		er drili N/A	ING (D/	TOTAL DEPTH OF BORING 25.0 ft
ELEVATION (ft)	DEPTH (ft) Material Graphics	DESCRIPTION		Sample Location	Sample Number Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%) Dry Unit Weight	(pcf) Shear Strength (tsf)	Drilling Method Casing Depth	Remarks
	13	- Clayey Sandy Silt, Light gray - iron oxide veins SILTY SAND (SM), gray		1727 00	18 27 21			14				SA, PI, & Moisture (7.4)
	16									1 2		
	18	— Coarse—medium, Sand, Brown		2550	7 7 7 11	-						SA, Density, & Moisture (7.5)
	20											
And the second s	21								- 2	2		=======================================
	23				22) ==						
	24	SILTY SAND (SM), Gray, with iron oxide sta	aining		20-0373							SA & Moisture (7.6)
W.	COUNT	County of Fresno Department of Public Works and Planning			REPOI	TTTLE		0	BOUNTY	ORING R		(7 OF 16) NUTE POSTMILE
8		Construction Division Materials Laboratory			PROJE	ст	-		F	NTY ANII		TTROL & ADOPTION CENTER
(A)	FRES	4553 E Hamilton Ave, Bldg 413 Fresno, CA 93702			PROJE	CT NUMBE TRESTO			REPARED B			TE SHEET 12 OF S4

LOGGED B		BEGIN DATE COMPLETION DATE 5/12/2020 5/12/2020	BOREHOL	E L	OCATIO	ON (Lo	at/Lor	ng or	North	/East	and	Datun	1)		HOLE ID		
	CONTRACTOR		BOREHOL 136' No				from	the S	outhw	vest c	orner	of th	e pro	perty	SURFACE	ELEVATION	
DRILLING I		. <u> </u>	DRILLING CME 45			d F 5	50								BOREHOLE 7.25 in.	DIAMETER	
	TYPE(S) AN		SPT HAM Auto Dr												HAMMER E	FFICIENCY	
BOREHOLE NATIVE S		AND COMPLETION	GROUNDV N/A	VATE	.R		URING N/A	DRIL			N/	A	ING ((DATE)	TOTAL DEF	TH OF BORING	
ELEVATION (ft)	DEPTH (ft) Material Graphics	DESCRIPTION		Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	Casing Depth	R	emarks	
2 2 3 3 3 3 3 3	25	Bottom of borehole at 25 ft. Boring terminated at planned depth. This boring record was prepared in accord with the Caltrans Soil & Rock Logging, Cland Presentation Manual (2010) with the 2015 Errata.	assification		20-0374								\overline{x}	SA	(7.6)		
3	35									ı			222				
the second of the second of the	OUN	County of Fresno Department of Public Works and Planning	0 - 1 - 2 - 1 - 2			EPORT I	MLE			OUNTY	BORIN	IG RE		(7 OF	16)	POSTMLE	
8		Construction Division Materials Laboratory				ROJECT		FRE			FRESN TY AM	_			ADOPTION CE		
OF FI	RESTO	4553 E Hamilton Ave, Bldg 413 Fresno, CA 93702			F	ROJECT	NUMBER TEBS10			REPARE				DATE	5142020	SHEET 13 OF 34	

LOGGED BY RAJDEEP SINGH	BEGIN DATE COMPLETION DATE 5/13/2020 5/13/2020	BOREHOLE LOCA	TION (Lat/Long	or North/Ea	st and Datum)	HOLE ID B-8	-
DRILLING CONTRACTOR Materials Laboratory		BOREHOLE LOCA 107' North 145		ne Southwest	corner of the proj	SURFACE EL	EVATION
DRILLING METHOD Rotary Auger		DRILLING TRUCK CME 45B - Fo		1		BOREHOLE I	DIAMETER
SAMPLER TYPE(S) AND Bulk - CAL (3") - S		SPT HAMMER TY	PE			HAMMER EFF	FICIENCY
BOREHOLE BACKFILL AI		GROUNDWATER N/A		DRILLING ·	AFTER DRILLING (I	DATE) TOTAL DEPTH	H OF BORING
ELEVATION (ft) DEPTH (ft) Material Graphics	DESCRIPTION	Sample Location Sample Number	Blows per 6 in. Blows per foot	Recovery (%) RQD (%) Moisture Content	Dry Unit Weight (pcf) Shear Strength (tsf) Drilling Method	Rer	marks
1	SILTY SAND (SM), brown, moist, Fine - lighter color -hard pan -easier drilling SILTY SAND (SM) or SANDY SILT (ML) -Light Brown/Gray	20-0377	7 11 8 9 11			SA, Density, &	Moisture (8.2)
COU	County of Fresno	,	REPORTTITLE	cou	BORING RECORD	D (8 OF 16)	POSTMILE
	Department of Public Works and Planning Construction Division Materials Laboratory	• = e. • = =	DIST. PROJECT		FRESHO	ROL & ADOPTION CEI	-
FRESTO	4553 E Hamilton Ave, Bldg 413 Fresno, CA 93702		PROJECT NUMBER T00310	PREF		DATE 5147220	SHEET 14 OF 34

LOGGED RAJDE	BY EP SING	GH .	BEGIN DATE 5/13/2020	COMPLETION DATE 5/13/2020	BOREHOL	E L	OCATIO	ON (Le	at/Lon	g or	North,	/East	and	Datum	1)		HOLE B-8	ID		
DRILLIN		RACTOR			BOREHOL 107' N				from	the S	Southw	est c	orner	of th	e pro	perty	SURFA	ACE EL	EVATION	
DRILLING			.,		DRILLING CME 45			d F 5	50								BORE! 7.25		DIAMETER	
SAMPLE	R TYPE	(S) AND S (3") - SP			SPT HAM												HAMME 140		ICIENCY	
	OLE BAC		COMPLETION		GROUND!				OURING N/A		LING	F	AFTER N/A		ING ((DATE)	TOTAL 16.5		OF BORING	
ELEVATION (ft)	DEPTH (ft)	Material Graphics	=	DESCRIPTION		Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	Casing Depth		Ren	narks	
	13		—gray—brown							III	~				222		a H =			
	15		 iron oxide veins Half gray Half br SILTY SAND (SM) 	e 			20-0378	4 15 22							2		SA, Dens	sity, &	Moisture (8.4)	
	17		-	at planned depth.																
	18		with the Caltrans	l was prepared in acco Soil & Rock Logging, Manual (2010) with th	Classification	1,					_									
	19																			
	20																			
	21							=												
	22																			_
	23							3			=:	1.								
	24															= 1				
6.	COL		County of Fresno					REPORT	TITLE				BOR	ING R		ס פון ס	F 16)			
		May (Construction Division		g		L	DIST.	T			COUNTY	FRESI			ROUTE			POSTMLE	
COM	FRE	4	Materials Laboratory 1553 E Hamilton Av Fresno, CA 93702	re, Bldg 413				PROJEC	T NUMBE TUSSIO	₹		PREPAR			IAL C	DATE	OL & ADOF	TION C	SHEET 15 OF 34	

LOGGE!	BY EEP SING	SH SH	BEGIN DATE COMPLETION DATE 5/15/2020 5/15/2020	BOREHOL	E L	OCATIO	ON (Lo	it/Lon	ig or	North	/East	and	Datum	n)	1-15-1-1	HOLE I	D	
	IG CONTI		×	BOREHOL 261' N				rom t	he So	uthwe	est co	rner c	of the	prop	erty	SURFA	CE ELEVATION	= _
	IG METHO	OD	- 5,5 <u>h</u> =	DRILLING CME 45			d F 5	50								BOREH 7.25	OLE DIAMETER	
SAMPLE	ER TYPE((S) AND S	SIZE(S) PT (2")	SPT HAM												HAMME 140	R EFFICIENCY	
BOREH	-) COMPLETION	GROUND\ N/A	WATE	R	C	URING N/A	DRIL			FTER N//		ING (I	DATE)	TOTAL 29.5	DEPTH OF BORI	NG
ELEVATION (ft)	ОЕРТН (ft)	Material Graphics	DESCRIPTION		Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	indea billena		Remarks	
	1		SILTY SAND (SM), brown, moist, Fine			399	7							2 2 2 3	SA	. Density,	& Moisture (9.	1)
2	3		-Medium to fine			20-0399	9											
	5		—Light Brown			20-0400	3				~				SA,	, Density,	& Moisture (9.	2)
	7		SILTY SAND (SM), brown mix			401	14								SA	(9.3)		
	9		-gray		\backslash	20-0401	50/	5"	ž					 				
	10		—Hard pan —Light gray											2				
	12		- 1, -													7	П	
A	COD		County of Fresno				REPORT	MLE			COUNTY	BOI	RING A		OUTE	F 16)	POSTMILE	
		- I	Department of Public Works and Planning Construction Division Materials Laboratory				DIST. PROJECT		FDA			FRESH TY AM				<u> ДОРТІОН</u>		
OF	FRES	*	Materials Laboratory 1553 E Hamilton Ave, Bldg 413 Fresno, CA 93702				PROJECT				PREPARE				347F	5/14/2029	CLEET	0F31

LOGGED BY		BEGIN DATE COMPLETION DATE 5/15/2020 5/15/2020	BOREHOL	E LC	CATIC	N (Lo	it/Lon	ig or	North	/East	and	Datun	n)	\$ 35 A agreement	HOLE ID		The second second
DRILLING CO			BOREHOL 261' No				rom t	he So	outhwe	est co	rner	of the	pro	perty	SURFACE	ELEVATION	
DRILLING ME			DRILLING CME 45			F 55	50								BOREHOLE 7.25 in.	DIAMETER	
	YPE(S) AND AL (3") — SI		SPT HAM Auto Dr												HAMMER E	FFICIENCY	The special section is
	BACKFILL AN	D COMPLETION	GROUNDY N/A				URING N/A	DRIL			AFTER N/	Α	ING	(DATE	TOTAL DEF	TH OF BORING	
ELEVATION (ft)	Material Graphics	DESCRIPTION		Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	Casing Depth	R	iemarks	
13		SANDY SILT (ML), gray, fine, moist — rustic	veins		20-0402	11 37 50	27.5							S	SA, Density, &	Moisture (9.4)	
15		- easier to drill				- H											
17 18		SILTY SAND (SM), Light gray, fine, moist		M	20-0403	3			4						SA (9.5)		
19 20				/\	20	3											
21 22											-						
23		SILTY SAND (SM), light gray, iron oxide vein	ns, moist,	fine	20-0404	9 9		-							SA, Density, &	: Moisture (9.6)	
AB CO		County of Fresno Department of Public Works and Planning				DIST.	MLE			coulvin		ING R	ECO	ROUTE	OF 16)	POSTMILE	
		Department of Public Works and Planning Construction Division Materials Laboratory				PROJECT	r				FRES		401		ROL & ADOPTION		
OF FR		watenats Laboratory 4553 E Hamilton Ave, Bldg 413 Fresno, CA 93702				PROJECT		R		PREPAR			WILL C	DATE	S142030	SHET 170F34	

LOGGE	D BY EEP SING	GH	BEGIN DATE COMPLETION DATE 5/15/2020 5/15/2020	BOREHO	LE L	OCATI	ON (L	at/Lon	g or	North,	/East	and I	Datun	1)		HOLE ID		
	IG CONT			BOREHO 261' N				from t	he Sc	uthwe	st co	rner o	of the	prop	erty	SURFACE	ELEVATION	
DRILLIN	IG METH	OD		DRILLING CME 4			d F 5	50		-						BOREHOI 7.25 ir	LE DIAMETER	
SAMPLE	ER TYPE	(S) AND :		SPT HA												HAMMER 140 lbs	EFFICIENCY	
BOREH			D COMPLETION	GROUND N/A	WATE	ĒR	Į	OURING N/A	DRIL	LING	F	AFTER N/A		ING (DATE)	TOTAL DE	EPTH OF BORING	
ELEVATION (ft)	ОЕРТН (ft)	Material Graphics	DESCRIPTION		Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	casing Depth		Re <mark>marks</mark>	
	25		Bottom of borehole at 29.5 ft. Boring terminated at planned depth. This boring record was prepared in acc with the Caltrans Soil & Rock Logging, and Presentation Manual (2010) with the 2015 Errata.	Classificatio	n.	20-0405	2 5 5							TATATATATATATATA		SA (9.7)		
	37			and a said the east of the eas			Troca-	TIP F	NAME OF THE OWNER, OWNE				- January Char				Standards & Standards and Standards and Standards	
ATE.	COL		County of Fresno Department of Public Works and Plannin	g			DIST.	IIILE		0	YIVIUO				(9 OF	16)	POSTMILE	
8			Construction Division Materials Laboratory	1"			PROJEC	7	FR	ESNO	COUN	TY AN		CONT	ROL &	ADOPTION (CENTER	
S. S	FRE		4553 E Hamilton Ave, Bldg 413 Fresno, CA 93702				PROJEC	T NUMBE TEAST	R 0	F	REPARE R	DBY NOSEP	SINGH		DATE	5142820	SHEET 18 OF S	•

LOGGED BY RAJDEEP SINGH	BEGIN DATE COMPLETION DATE 5/15/2020 5/15/2020	BOREHOL	E LO	CATIC	N (L	at/Lon	g or	North,	/East	and	Datun	1)		HOLE ID B-10		
DRILLING CONTRACTOR Materials Laboratory		BOREHOL 220' N				rom t	he Sr	uthwe	st co	rner o	of the	prope	ertv	SURFACE	ELEVATION	
DRILLING METHOD Rotary Auger		DRILLING CME 45	TRU	CK										BOREHO 7.25 i	LE DIAMETER	
SAMPLER TYPE(S) AND Bulk - CAL (3") - S		SPT HAM												HAMMER 140 lbs	EFFICIENCY s	
BOREHOLE BACKFILL AN	ID COMPLETION	GROUND\ N/A	WATE	?	[URING N/A	DRIL	LING	A	FTER N/		ING (D	ATE)	TOTAL DI	EPTH OF BORING	
ELEVATION (ft) DEPTH (ft) Material Graphics	DESCRIPTION		Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method			Remarks	
2 3 4	SILTY SAND (SM), brown, moist, Fine			200408	6 10 6							2222222	Si	A, Density	, & Moisture (10.1)	
5 H	SILTY SAND (SM), brown, moist, Medium-F	Tine	M	20-0409	3 5 4								S	A (10.2)		
9	—hard pan, Brown, Grey, Light grey —Some recovery (picture)			20-0410	8 50/	4"				1			SA	(10.3)		
11 —	SILTY SAND (SM), brown -Coarser Sand at the bottom of the samp	ole	\bigvee	20-0411	7 17 20					:			SA	A (10.4)		
	County of Fresno	Control of the second for the second of the second			EPORT	MLE		,		BORI	NG RE		(10 OF	16)		
	Department of Public Works and Planning Construction Division				DIST.	r			YOUNTY	FRESH			OUTE		POSTMILE	
CAN THE STATE OF T	Materials Laboratory 4553 E Hamilton Ave, Bldg 413				ROJEC	T NUMBS			COUN	-	MINAL		ROL & A	DOPTION	CENTER	
FRED	Fresno, CA 93702			1	.10020	Tees		"		VOEEP.	SINGH			9142020	19 OF 34	

LOGGED RAJDE	BY EP SINC	SH SH	BEGIN DATE 5/15/2020	COMPLETION DATE 5/15/2020	BOREHO	E L	OCATIO	ON (Le	at/Lon	ng or	North,	/East	and I	Datum	1)		HOLE IO)		
	G CONT	RACTOR oratory			BOREHOI 220' N				rom t	he Sc	uthwe	st co	rner o	of the	prope	erty	SURFAC	CE ELEVATIO	DN	
	G METH	OD	1		DRILLING CME 4			1 F 5	50								BOREH 7.25	OLE DIAMET	ER	
SAMPLE	R TYPE	(S) AND S (3") - SP			SPT HAM								2	4	- 1		HAMMER 140 II	R EFFICIENC	CY	
BOREHO			COMPLETION		GROUND'			_	URING N/A		LING	А	FTER S		ING (D	ATE)	TOTAL 1	DEPTH OF	BORING	1
ELEVATION (ft)	DEРТН (ft)	Material Graphics		DESCRIPTION		Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method Casina Depth			Remarks		
	13 14 15 16			lite grey – brown veins			20-0412	10 23 44	*						222222	SA,	Density,	& Moistur	re (10.5)	
	17		This boring recor	ole at 16.5 ft. I at planned depth. d was prepared in according to the control of the control o	lassification	٦,			11 11											
	19												2						•	
	21							22												
	23 -																			
			Drawn and the second		and house as Mile State of the						S annual field after									
AE	COL		County of Fresno Department of Publ	ic Works and Planning				DIST.	MLE			COUNTY		VG RE		(10 OF	16)	POSTI	TE.	
		May (Construction Division Naterials Laborator	חס				ROJEC	r				FRESN				& ADOPT	ION CENTE		
OF	FRES	4	1553 E Hamilton Av Tresno, CA 93702	ve, Bldg 413			,		T NUMBE		-	REPARE				ATE SHALL		SHEET		

LOGGED BY RAJDEEP SINGH	BEGIN DATE COMPLETION DATE 5/19/2020 5/19/2020	BOREHOLE LOCAT	NON (Lat/Long or No	rth/East and Datum)	HOLE ID B-11
DRILLING CONTRACTOR Materials Laboratory		BOREHOLE LOCAT		west corner of the property	SURFACE ELEVATION
DRILLING METHOD Rotary Auger		DRILLING TRUCK CME 45B - Fo	ord F 550		BOREHOLE DIAMETER 7.25 in.
SAMPLER TYPE(S) AND Bulk - CAL (3") - S		SPT HAMMER TYP			HAMMER EFFICIENCY 140 lbs
BOREHOLE BACKFILL AN		GROUNDWATER N/A	DURING DRILLIN	G AFTER DRILLING (DATE) N/A	TOTAL DEPTH OF BORING 16.5 ft
ELEVATION (ft) DEPTH (ft) Material Graphics	DESCRIPTION	Sample Location Sample Number	Blows per 6 in. Blows per foot Recovery (%)	Moisture Content (%) Dry Unit Weight (pcf) Shear Strength (tsf) Drilling Method Casing Depth	Remarks
2 3 4 5 5 6 7 7 8 8	SILTY SAND (SM), brown, moist, Fine	20-0418	6 11 9		SA, Density, & Moisture (11.1)
9 10 11 12 COM	Brown to light grey -Light grey with rustic viens County of Fresno Department of Public Works and Planning	20-0423	30 50/4" REPORT TILE DIST.	BORING RECORD (11 C	SA (11.2) OF 16) POSTME
	Department of Public Works and Planning Construction Division Materials Laboratory			ROUTE FRESHO RINO COUNTY ANIMAL CONTROL O	
CA FRESTO	4553 E Hamilton Ave, Bldg 413 Fresno, CA 93702		PROJECT NUMBER TROSTO	PREPARED BY DATE RADIEP SINGH	SHEET 21 OF 34

LOGGED RAJDEE	BY P SING	н	BEGIN DATE 5/19/2020	COMPLETION DATE 5/19/2020	BOREHOL	E L	OCATIO	ON (Lo	at/Lon	ig or	North,	/East	and I	Datum)		HOLE ID B-11		
DRILLING	CONTR				BOREHOU 222' N				rom t	he So	uthwe	st co	rner o	f the	prope	rty	SURFACE	E ELEVATION	
DRILLING Rotary	METHO				DRILLING CME 45			d F 5	50								BOREHO 7.25 in	LE DIAMETER n.	And Appendix of the Persons
SAMPLER	R TYPE(S) AND S			SPT HAM												HAMMER 140 lbs	EFFICIENCY s	
	LE BAC		COMPLETION		GROUND!	-			URING N/A	DRIL	LING	A	FTER		NG (D	ATE)	TOTAL DI	EPTH OF BORING	
ELEVATION (ft)	DEPTH (ft)	Material Graphics		DESCRIPTION		Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method			Remarks	
	13		This boring record with the Caltrans and Presentation 2015 Errata.	le at 16.5 ft. at planned depth. d was prepared in acco Soil & Rock Logging, Manual (2010) with th	Classification		20-0424	6 7 6	тте						COND	SA SA		& Moisture (11.3)	
A.E.	COU	D D	County of Fresno Department of Publi	ic Works and Planning	g			DIST.	E		- 0	COUNTY				(11 OF OUTE	16)	POSTMILE	
8		N N	Construction Division Naterials Laboratory	nn V				PROJEC	r		FRES	NO GO	PRESI	_	AL CO	NTROL	& ADOPTIO	ON CENTER	
	FRES		553 E Hamilton Av Tresno, CA 93702	re, Bldg 413		_			T NUMBE	R	F	REPARE	DBY AJDEEP	SINGH	D	ATE 5/14	12020	SHEET 22 OF 34	

LOGGED BY RAJDEEP SINGH	BEGIN DATE COMPLETION DATE 5/19/2020 5/19/2020	BOREHOLE LOCA	TION (Lat/Lo	ng or Nor	th/East and Datum)	4	HOLE ID B-12	
DRILLING CONTRACTOR Materials Laboratory	is i	BOREHOLE LOCA 264' North 85		the South	west corner of the pr	operty	SURFACE ELEVATION	
DRILLING METHOD Rotary Auger		DRILLING TRUCK CME 45B - Fo			*		BOREHOLE DIAMETER 7.25 in.	
SAMPLER TYPE(S) AND Bulk - CAL (3") -		SPT HAMMER TY Auto Drop Han					HAMMER EFFICIENCY 140 lbs	
BOREHOLE BACKFILL A		GROUNDWATER N/A		G DRILLING	G AFTER DRILLING	(DATE)	TOTAL DEPTH OF BORING 16.5 ft	
ELEVATION (ft) DEPTH (ft) Material Graphics	DESCRIPTION	Sample Location Sample Number	Blows per 6 in. Blows per foot	Recovery (%)	Moisture Content (%) Dry Unit Weight (pct) Shear Strength (tst) Drilling Method	Casing Depth	Remarks	
1 2	SILTY SAND (SM), brown, moist, Fine		7			}	F 1	
3 4		20-025	9 11				SA, Density, & Moisture (12.1) SA (12.2)	
6	-Light Brown	20-0426					Sh (12.2)	
9	—Hard Pan	20-0427	32 50/\$.5"			SA,	Density, & Moisture (12.3)	
11	−Light grey/Brown	20-						
AL COUNTY	County of Fresno Department of Public Works and Planning		DIST.		BORING RECO	ROUTE	POSTMILE	
	Construction Division Materials Laboratory		PROJECT	FRESI	FRESNO FRESNO FRESNO			
FRES	4553 E Hamilton Ave, Bldg 413 Fresno, CA 93702		PROJECT NUMBE	9 7	PREPARED BY RAJDEEP SINGH	DATE	SHEET 23 OF 34	

LOGGED BY RAJDEEP SINGH	BEGIN DATE COMPLETION DATE 5/19/2020 5/19/2020	BOREHOL	E LO	CATIC	ON (Le	at/Lor	ig or	North,	/East	and	Datun	n)	T.	HOLE ID		
DRILLING CONTRACTOR Materials Laboratory		BOREHOL 264' N				rom t	he So	uthwe	st co	rner o	of the	prop	erty	SURFACI	E ELEVATION	
DRILLING METHOD Rotary Auger	_ =	DRILLING CME 45	TRU	CK										BOREHO 7.25 i	LE DIAMETER n.	
SAMPLER TYPE(S) AND S Bulk - CAL (3") - SP		SPT HAM												HAMMER 140 lb	EFFICIENCY s	
BOREHOLE BACKFILL AND NATIVE SOIL		GROUNDY N/A	WATE	R	Ū	URING N/A	DRIL			AFTER N/	A		DATE)	TOTAL DI 16.5 ft	EPTH OF BORING	
ELEVATION (ft) DEPTH (ft) Material Graphics	DESCRIPTION		Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	inden billeno		Remarks	
13	SILTY SAND (SM) Bottom of borehole at 16.5 ft. Boring terminated at planned depth. This boring record was prepared in accord with the Caltrans Soil & Rock Logging, Cl and Presentation Manual (2010) with the 2015 Errata.	assification		20-0428	8 8 12							22222	AAZ	A (12.4)		
24							-	ii II								
	County of Fresno			-	EPORT	ME					NG RE		(12 OF	16)	POSTMILE	
	Department of Public Works and Planning Construction Division				NST. PROJECT				OUNTY	FRESA						
1856	laterials Laboratory 1553 E Hamilton Ave, Bldg 413 Tresno, CA 93702					NUMBE			NO CO REPARE		ANIM		MIE	L & ADOPTIC	ON CENTER SHEET 20 OF 30	

LOGGED BY RAJDEEP SINGH	BEGIN DATE COMPLETION DATE 5/13/2020 5/13/2020	BOREHOLE LC	CATION	(Lat/Lo	ng or No	rth/East and	Datum)	HOLE ID B-13	
DRILLING CONTRACTOR Materials Laboratory		BOREHOLE LO		at from	the South	nwest corner	of the propert	SURFACE EL	EVATION
DRILLING METHOD Rotary Auger	-	DRILLING TRU CME 45B -		550			100	BOREHOLE 7.25 in.	DIAMETER
SAMPLER TYPE(S) ANI Bulk – CAL (3") –		SPT HAMMER Auto Drop H						HAMMER EFF 140 lbs	FICIENCY
BOREHOLE BACKFILL A		GROUNDWATER N/A	? -	DURIN	G DRILLIN	G AFTER	R DRILLING (DATA	TE) TOTAL DEPTH	OF BORING
ELEVATION (ft) DEPTH (ft) Material Graphics	DESCRIPTION	Sample Location	Sample Number	per fo	Recovery (%)	Moisture Content (%) Dry Unit Weight (pcf)	Shear Strength (tsf) Drilling Method Casing Depth	Rer	narks
1 2	SILTY SAND (SM), moist, Fine -Some Gravel/Brick Pieces (Crushed Grav		20-0379					Bulk (13.1)	
4		A	20-02	8 14 13				SA, Density, & M	oisture (13.2)
6	SILTY SAND (SM), Light brown, moist, Med	ium-Fine		10		51		SA (13.3)	
8	—hard pan	X	20-0382	1/4				Hold (13.4)	=
10	—light Gray, sandy silt								
12			REP	ORT TITLE		no.	DING PEOCED 11	205461	
COUNT	County of Fresno Department of Public Works and Planning Construction Division		DIST			COUNTY	RING RECORD (1		POSTMLE
11356	Materials Laboratory 4553 E Hamilton Ave, Bldg 413			VECT		NO COUNTY A	NINAL CONTRO	OL & ADOPTION CEN	
FRES	Fresno, CA 93702		PRO	VECT NUMBE TOO		PREPARED BY RAJDES	P SINGH	5/14/2020	SHEET 25 OF 34

LOGGE	BY EEP SINC	SH .	BEGIN DATE 5/13/2020	COMPLETION DATE 5/13/2020	BOREHO	DLE I	_OCATI	ON (L	at/Lor	ng or	North	/East	and	Datun	n)		HOLE I			
	IG CONT				BOREHO 334'				rom t	the So	outhwe	est co	rner o	of the	prop	erty	SURFA	CE ELEVATI	ION	1
DRILLIN	IG METH				DRILLIN CME			d F 5	50							= 1	BORE- 7.25	IOLE DIAME	TER	
		(S) AND :			SPT HA								ě	4			HAMME 140	R EFFICIEN I bs	CY	
BOREH			COMPLETION		GROUNI N/A	TAWC	ER	[OURING N/A		LING	,	AFTER N/		.ING (DATE)	TOTAL 16.5	DEPTH OF	BORING	
ELEVATION (ft)	DEPTH (ft)	Material Graphics		DESCRIPTION		Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	ndan busan		Remarks		
	13		-Rustic	, light Gray/Brown			20-0383	9 17 21							}	SA, PI?		& Moistur	re (13.5)	
	14		SANDY SILT (ML), II	ght gray — rustic veins			20-0384									SA	(13.6)			
	16					\mathbb{N}	20-(11 19 21						-	}					
	17			at planned depth.	d.c.s		-													
	18		with the Caltrans	I was prepared in accor Soil & Rock Logging, C Manual (2010) with the	lassificatio	n,						-								
	19																	•		
	20																			
	21																			
	22																			
	23																			
	24						-										_			
AB	COU		County of Fresno Department of Public	c Works and Planning				EPORT	MLE			COUNTY	BORIN	IG RE		(13 OF	16)	POSTI	W.F.	
8		1	repartment of Publi Construction Division Materials Laboratory	7				OIST. PROJECT	•				FRESN	-			& ADOD	TON CENTE		
10/2	1850	40/	1553 E Hamilton Av Tresno, CA 93702			1	PROJECT	NUMBE			REPARE				MTE	2029	SHEET			

LOGGED BY RAJDEEP SINGH	BEGIN DATE COMPLETION DATE 5/14/2020 5/14/2020	BOREHOLI	E LO	CATIO	N (La	ıt/Lor	ig or	North	/East	and	Datum	1)		HOLE ID B-14		
DRILLING CONTRACTOR Materials Laboratory		BOREHOLI 361' No				from	the S	South	vest c	omer	of th	e pr	operty	SURFACE	ELEVATION	
DRILLING METHOD Rotary Auger		DRILLING CME 45			I F 55	50								BOREHOLE 7.25 in.	DIAMETER	
SAMPLER TYPE(S) AND Bulk - CAL (3") - S		SPT HAMI												HAMMER E 140 lbs	FFICIENCY	
BOREHOLE BACKFILL AN		GROUNDW N/A				URING N/A	DRIL			AFTER N/		ING	(DATE)	TOTAL DEP	PTH OF BORING	
ELEVATION (ft) DEPTH (ft) Material Graphics	DESCRIPTION		Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	Casing Depth	R	Pemarks	
2 3	SILTY SAND (SM), moist, Fine, BrownMedium fine			20-0385	7 8 9		TI.				3	222222	SA, [Density, Mois:	ture, & Direct	Shear (*)
5 6	Light brown —hard pan		V	20-0386	5 8 10								SA	A, Density, &	: Moisture (14.2	2)
9	-little softer than above Small Gravel size, chunks of hard pan in -Hammer calibrated by Justin SANDY SILT (ML), light Gray	cuttings		20–0387	20 53 64								SA	A & PI? (14.	.3)	
12		Alleren of females														
COUN	County of Fresno Department of Public Works and Planning				IEPORT	ME			COUNTY		NG RE	COR	ROUTE	F 16)	POSTMILE	
	Department of Public Works and Planning Construction Division Materials Laboratory				NST. PROJECT	r				FRES	10.00	an		ADOPTION C		
	manager i anniame/			1.			F	DECM	וווחיים	MTV AL	MALAI	COL	manı s	ADDITION (*)		

LOGGED	BY EP SING	SH SH	BEGIN DATE 5/14/2020	COMPLETION DATE 5/14/2020	BOREHOL	E LO	OCATIO	N (Lo	t/Lon	g or	North,	/East	and [Datum)		HOLE ID			
DRILLIN	G CONTI	RACTOR	100		BOREHOU 361' N				from	the S	outhw	est co	orner	of th	e prop	erty	SURFAC	E ELEVAT	ION	
DRILLIN	G METHO				DRILLING CME 45			F 5	50	4			_				7.25	DLE DIAME in.	TER	
SAMPLE	R TYPE((S) AND S			SPT HAM								4			1	HAMMER 140 II	R EFFICIEN DS	ICY	And the second second
BOREHO			COMPLETION		GROUND!	WATE	.R	D	URING N/A	DRIL			N/A	1	NG (D	ATE)	TOTAL [EPTH OF	BORING	
ELEVATION (ft)	ОЕРТН (ft)	Material Graphics		DESCRIPTION		Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method Casina Depth			Remarks	3	
=	13			2.2												z .				
	15		SANDY SILT (ML), li				20-0388	7 19 21								SA,	Density,	Moisture,	& PI (14.4)
	17		This boring record with the Caltrans and Presentation	at 16.5 ft. at planned depth. d was prepared in acc Soil & Rock Logging, Manual (2010) with the	Classification	١,														
	19		2015 Errata.					1			=									
	20																			
	21																			
	23													1:						
	24			and Array Language Carlo Strade an access and black				REPORT	MLE				POPI	NC PE	con	(14 OF 1	161			
Z T	COL	TA I	County of Fresno Department of Publ Construction Divisio	lic Works and Plannii on	ng			DIST.				COUNTY				OUTE	10)	POS	TABLE	
OF OF	FRE	40	Materials Laborator 4553 E Hamilton A				PROJEC PROJEC	NUMBE	R		PREPARE	ED BY			NTROL ATE		TION CENT			
		/	Fresno, CA 93702						120310	Lipson, anythin Page		Per contract contract	AJDEEP.	- I		of rela				

LOGGE	D BY EEP SIN	GH	BEGIN DATE 5/14/2020	TE BOREH	BOKEHOLE LOOKHOH (Lady Long or Hollin)									HOLE ID B-15	1	_				
DRILLIN		TRACTOR	, , , , , , , , , , , , , , , , , , , ,	5/14/2020	BOREH 334				from	the S	South	west c	orner	of the	e pro	opert		SURFACE ELEVATION		
DRILLIN	NG METH	HOD			DRILLII CME			d F 5		BOREHOLE DIAMETER 7.25 in.										
SAMPL	SAMPLER TYPE(S) AND SIZE(S) Bulk - CAL (3") - SPT (2")					SPT HAMMER TYPE Auto Drop Hammer										HAMMER 140 lbs	EFFICIENCY s			
BOREH	BOREHOLE BACKFILL AND COMPLETION NATIVE SOIL			GROUN N/A	DWATI	ER		URING N/A	DRIL	LING	,	AFTER N/	DRILL A	ING	(DATI	E) TOTAL DI 26.5 ft	EPTH OF BORING			
ELEVATION (ft)	ОЕРТН (ft)	Material Graphics	4	DESCRIPTION		Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	Casing Depth	7	Remarks		
	1 2 3 4 5 5 6 7 7 8 8 9 10 11 11 11 11 11 11 11 11 11 11 11 11		SILTY SAND (SM), b -Few pieces of g -Medium to fine -Light -Hard Pan SILTY SAND (SM), b -Light Brown -gray -Light Brown -tight gray(brown) SANDY SILT (ML)	ravel crushed			20-0395 20-0393	12 23 14 4 5 6							TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT		SA (15.2)	& Moisture (15.1)		
	12																		H	
	CO		County of Fresno	and the second regions and all and all addresses the second to the second contract to the bands.				REPORT	TITLE				BO	RING R	ECO	RD (1	15 OF 16)			
			Department of Publi Construction Division	77	ning			DIST. COUNTY ROUTE								POSTMILE				
0		2	Materials Laborator 4553 E Hamilton Av					PROJEC			ESNO	COUN		IIMAL (CONT	DATE	& ADOPTION (SHEFT		
	WRE	100	Fresno, CA 93702					PROJEC	78031	0			AJDES	SWGH	71 L		5/14/2020	20 OF 34		

LOGGE	D BY EEP SINGH	BEGIN DATE COMPLETION DATE 5/14/2020 5/14/2020	BOREHOLE	LOCAT	ION (L	at/Lor	ng or	North/	'East	and [Datum	1)		HOLE ID B-15		
DRILLIN	IG CONTRACTOR	ь-	BOREHOLE 334' Nort			from	the S	outhwe	est co	rner	of th	e prop	perty	SURFACE ELEVATION		
DRILLIN	NG METHOD y Auger		DRILLING TO	RUCK			21	BOREHOLE DIAMETER 7.25 in.								
SAMPLE	ER TYPE(S) AND - CAL (3") -		SPT HAMME Auto Drop					HAMMER EFFICIENCY 140 lbs								
BOREH	OLE BACKFILL A		GROUNDWAT			DURING N/A		LING	AF	TER N/A		ING (D	DATE)	TOTAL DEPTH 26.5 ft	OF BORING	
ELEVATION (ft)	DEPTH (ft)	DESCRIPTION	ordition	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Uny Unit Weight (pcf)		Drilling Method		Rem	arks	
	13 14 15 16 17 17 18 19 19 19 19 19 19 19	-Gray rustic veins		20-0396	8 22 30								SA	& PI (15.4)		
	20 21 22 23 24 24 24 24 26 27 27 27 27 27 27 27	SILTY SAND (SM), fine — Gray Rustic Veins		20-0397	4 7 20 20 REPORT	rme				E/Dhia	NG PE			Density, & Moi	isture (15.5)	
Z ST	COUNT	County of Fresno Department of Public Works and Planning			DIST.	· mæ		α	EORING RECORD (15 O					POSTMLE		
8	1856	Construction Division Materials Laboratory			PROJEC	T		FRESI		FRESN		AL CO	WTRO	L & ADOPTION CENTER		
S. S	FREST	4553 E Hamilton Ave, Bldg 413 Fresno, CA 93702		angement of	PROJEC	TAUMBE Tausto	R	F	REPAREI	DBY JOSEP S	SINGH		MTE S/14	4/2020	SHEET 30 OF 34	

	ED BY DEEP SING	BOREHOL	BOREHOLE LOCATION (Lat/Long or North/East and Datum)									HOLE ID B-15	200							
	ING CONT		-1	BOREHOLE LOCATION 334' North 139' East from the Southwest corner of the property												500,000,000,000,000,000,000,000,000,000	SURFACE ELEVATION			
DRILL	DRILLING METHOD Rotary Auger					JCK - Fore	d F 5	BOREHOLE E 7.25 in.	BOREHOLE DIAMETER 7.25 in.											
	SAMPLER TYPE(S) AND SIZE(S) Bulk - CAL (3") - SPT (2")					CME 45B - Ford F 550 SPT HAMMER TYPE Auto Drop Hammer											ICIENCY			
BORE	BOREHOLE BACKFILL AND COMPLETION NATIVE SOIL					R	C	URING N/A	DRIL			N/	A	ING	(DA	TE) TOTAL DEPTH	I OF BORING			
ELEVATION (ft)	ОЕРТН (ft)	Material Graphics	DESCRIPTION		Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	Casing Depth	Ren	narks			
	25		SILTY SAND (SM), gray—brown, medium		\bigvee	20-0398	6 6							2		SÁ (15.6)				
	27	- 1.4 + 4.0 FM	Bottom of borehole at 26.5 ft. Boring terminated at planned depth.	F														H		
	28		This boring record was prepared in accor with the Caltrans Soil & Rock Logging, C and Presentation Manual (2010) with the 2015 Errata.	lassification	i.			1												
	29																			
	30																			
	31																			
	32																			
	33																			
	34					=			1.5							-				
	35		a =						==)					
	36															-				
	37			and the support of control			REPOST	me												
A	& COL		County of Fresno Department of Public Works and Planning				REPORT DIST.	mE			COUNTY			COR	ROU	5 OF 16) TTE	POSTMLE			
8		Man	Construction Division Materials Laboratory				PROJEC	<i>r</i>	FR		PRESINO ROUTE ANIMAL CONTROL &					OL & ADOPTION CENT				
0	FRE		4553 E Hamilton Ave, Bldg 413 Fresno, CA 93702				PROJEC	T NUMBE 10031			PREPAR				D47		SHEET	SHET		

LOGGED BY RAJDEEP SINGH	BEGIN DATE COMPLETION DATE 5/19/2020 5/19/2020	BOREHOLE	LOCA	TION (I	_at/Loi	ng or N	North/Eas	t and	Datun	1)	whit is a Thi	HOLE ID B-16				
DRILLING CONTRACTOR Materials Laboratory		BOREHOLE 358' Nor			from	the Sc	outhwest	corner	of th	e pro	perty	SURFACE ELEVATION				
DRILLING METHOD Rotary Auger		DRILLING 1 CME 45B	TRUCK						1	r r		BOREHOL 7.25 in	E DIAMETER			
SAMPLER TYPE(S) AND Bulk — CAL (3") — S		SPT HAMM										HAMMER 140 lbs	EFFICIENCY			
	BOREHOLE BACKFILL AND COMPLETION					Auto Drop Hammer GROUNDWATER DURING DRILLING AFTER DRILLING (DATE N/A N/A N/A										
ELEVATION (ft) DEPTH (ft) Material Graphics	DESCRIPTION	-	Sample Location	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%) Moisture Content	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	Edan Biran		Remarks			
2 3 4 4 5 6 7 8 8	SILTY SAND (SM), moist, Fine, Brown -Some Coarse sand Light brown		20-0421 20-0420	6 12 11 11 5 8 14		H v			d				& Moisture (16.1)			
	Light Gray/Brown County of Fresno Coeparine for Public Works and Planning		20-0422	50 50,			COUNT	•			SA SA	(16.3)	POSTME			
	Construction Division Materials Laboratory			PROJEC	r	FRE	SNO COU	RESINO ROUTE ANIMAL CONTROL &					ENTER			
CARREST A	1553 E Hamilton Ave, Bldg 413 Fresno, CA 93702			PROJEC	T NUMBER Taggr	?	PREPAR	Street, Street,			17E	5142020	SHEET 32 OF 34			

LOGGED BY RAJDEEP SINGH	BEGIN DATE COMPLETION DATE 5/19/2020 5/19/2020	BOREHOL	E L	OCATIO	ON (L	at/Lor	ig or	North,	/East	and	Datun	n)		HOLE ID B-16		
DRILLING CONTRACTOR Materials Laboratory		BOREHOL 358' N				from	the S	outhw	est c	orner	of th	e proj	perty	SURFACE	ELEVATION	
DRILLING METHOD Rotary Auger		DRILLING CME 45			d F 5		BOREHOLE DIAMETER 7.25 in.									
SAMPLER TYPE(S) AND Bulk - CAL (3") - SI		SPT HAMMER TYPE Auto Drop Hammer												HAMMER E	FFICIENCY	
BOREHOLE BACKFILL AN		GROUND!	VATE	R	[OURING N/A	DRIL	LING	A	AFTER N/		.ING (I	DATE)	TOTAL DEP	TH OF BORING	
ELEVATION (ft) DEPTH (ft) Material Graphics	DESCRIPTION		Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method		R	emarks	
13 14 15 16 17 18 19 20 21 22 23 24	SANDY SILT (ML), light gray, Rustic Veins Bottom of borehole at 16.5 ft. Boring terminated at planned depth. This boring record was prepared in accord with the Caltrans Soil & Rock Logging, Cland Presentation Manual (2010) with the 12015 Errata.	assification		20-0429	13 22 27								SA,	Density, &	Moisture (16.4)	
	County of Fresno			_	EPORT	MLE				BORII	NG RE		(16 OF 1	6)		
/48// (n) \ A	Department of Public Works and Planning			D	NST.			a	DUNTY			R	DUTE		POSTMILE	
	Construction Division Materials Laboratory			F	ROJECT	•		EDEC	WO CO	FRESH		AI CO	י ומקדע	ADOPTION	CENTER	

