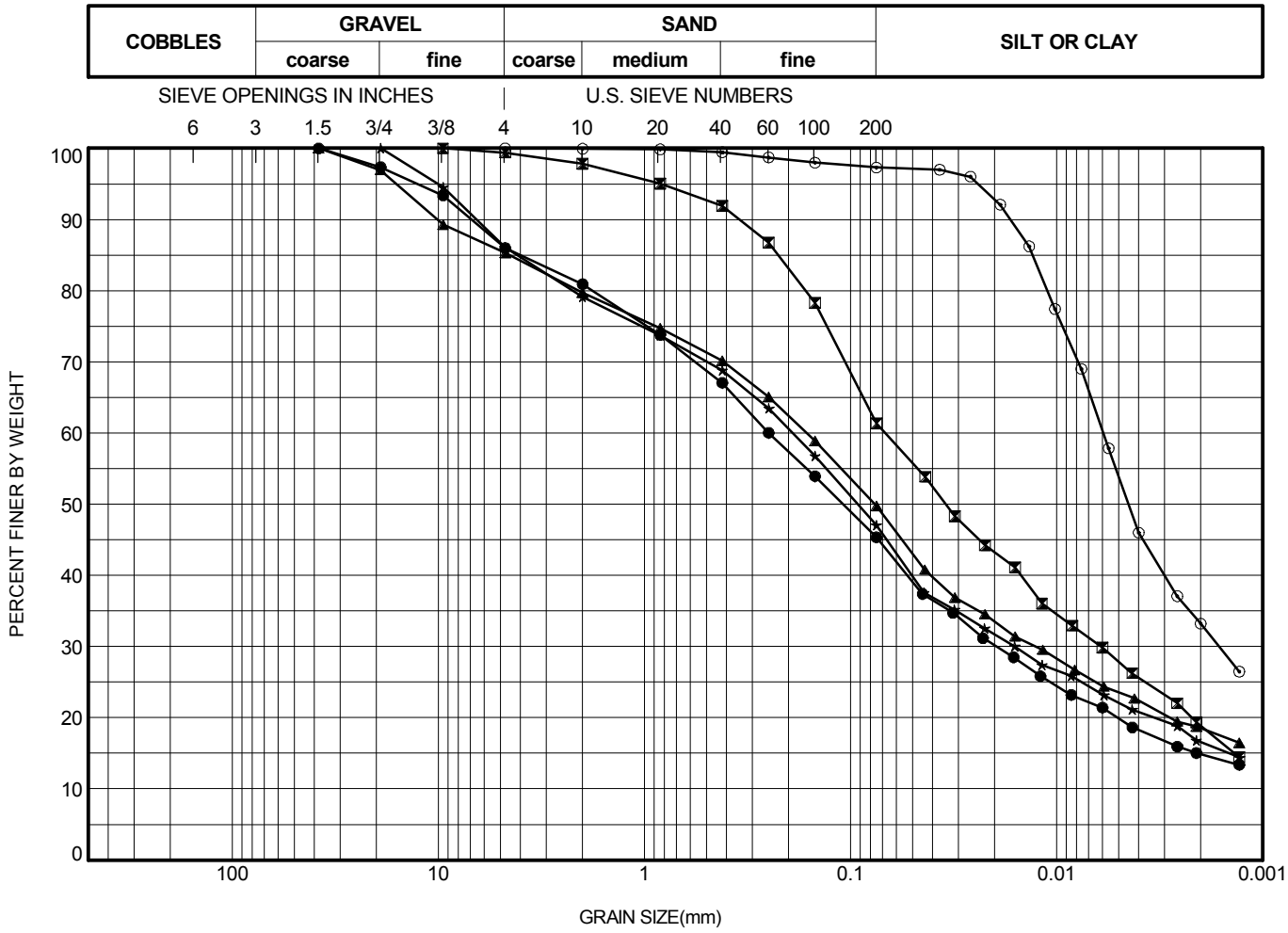
GRAIN SIZE DISTRIBUTION



	HOLE	DEPTH (ft)	D85	D60	D50	D15	D10	CU	%GRAVEL	%SAND	%FINES
●	SH14-02A	53.50	4.022	0.250	0.109				14.0	40.6	45.3
⊠	SH14-02A	62.50	0.225						0.6	38.1	61.3
▲	SH14-03	23.50	4.541	0.164	0.076				14.7	35.5	49.8
★	SH14-03	31.00	4.170	0.191	0.092				14.0	39.0	47.1
⊙	SH14-03	50.20							0.0	2.7	97.3

	HOLE	SAMPLE	DEPTH (ft)	W%	W_L	W_P	PI	REMARKS / SAMPLE DESCRIPTION
●	SH14-02A	G45	53.50		24	14	10	
⊠	SH14-02A	G49	62.50		42	23	19	
▲	SH14-03	G06	23.50		24	12	12	
★	SH14-03	G13	31.00		24	13	11	
⊙	SH14-03	G33	50.20		41	22	19	

CU = COEFFICIENT OF UNIFORMITY = D60/D10 **PARTICLE SIZES, e.g. D85, in mm** **Tested by Wet Sieving Method (ASTM D1140 & D422)**

Klohn Crippen Berger

PROJECT NO.: M09954A02
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FIGURE:
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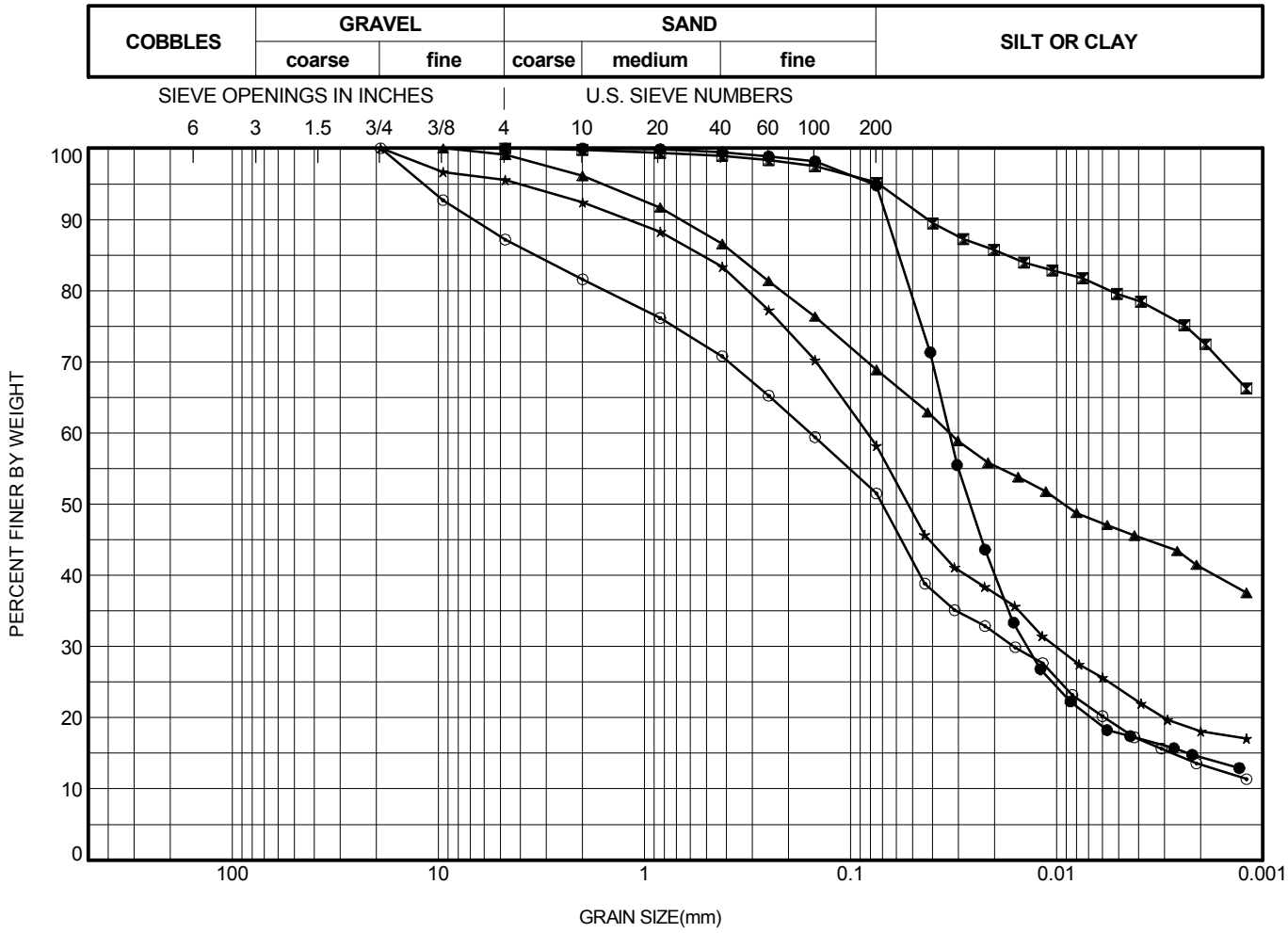
GRAIN SIZE DISTRIBUTION



	HOLE	DEPTH (ft)	D85	D60	D50	D15	D10	CU	%GRAVEL	%SAND	%FINES
●	SH14-03	64.75							0.0	5.2	94.8
⊠	SH14-03	74.00							0.0	4.8	95.2
▲	SH14-03	84.00	0.359						0.9	30.2	68.9
★	SH14-04	23.50	0.531	0.083					4.4	37.4	58.2
⊙	SH14-04	39.40	3.396	0.157					12.8	35.7	51.5

	HOLE	SAMPLE	DEPTH (ft)	W%	W_L	W_P	PI	REMARKS / SAMPLE DESCRIPTION
●	SH14-03	G47	64.75		27	22	5	
⊠	SH14-03	G52	74.00		111	34	78	
▲	SH14-03	G59	84.00		71	24	47	
★	SH14-04	G6	23.50		23	13	10	
⊙	SH14-04	G19	39.40		23	14	8	

CU = COEFFICIENT OF UNIFORMITY = D60/D10 **PARTICLE SIZES, e.g. D85, in mm** **Tested by Wet Sieving Method (ASTM D1140 & D422)**

Klohn Crippen Berger

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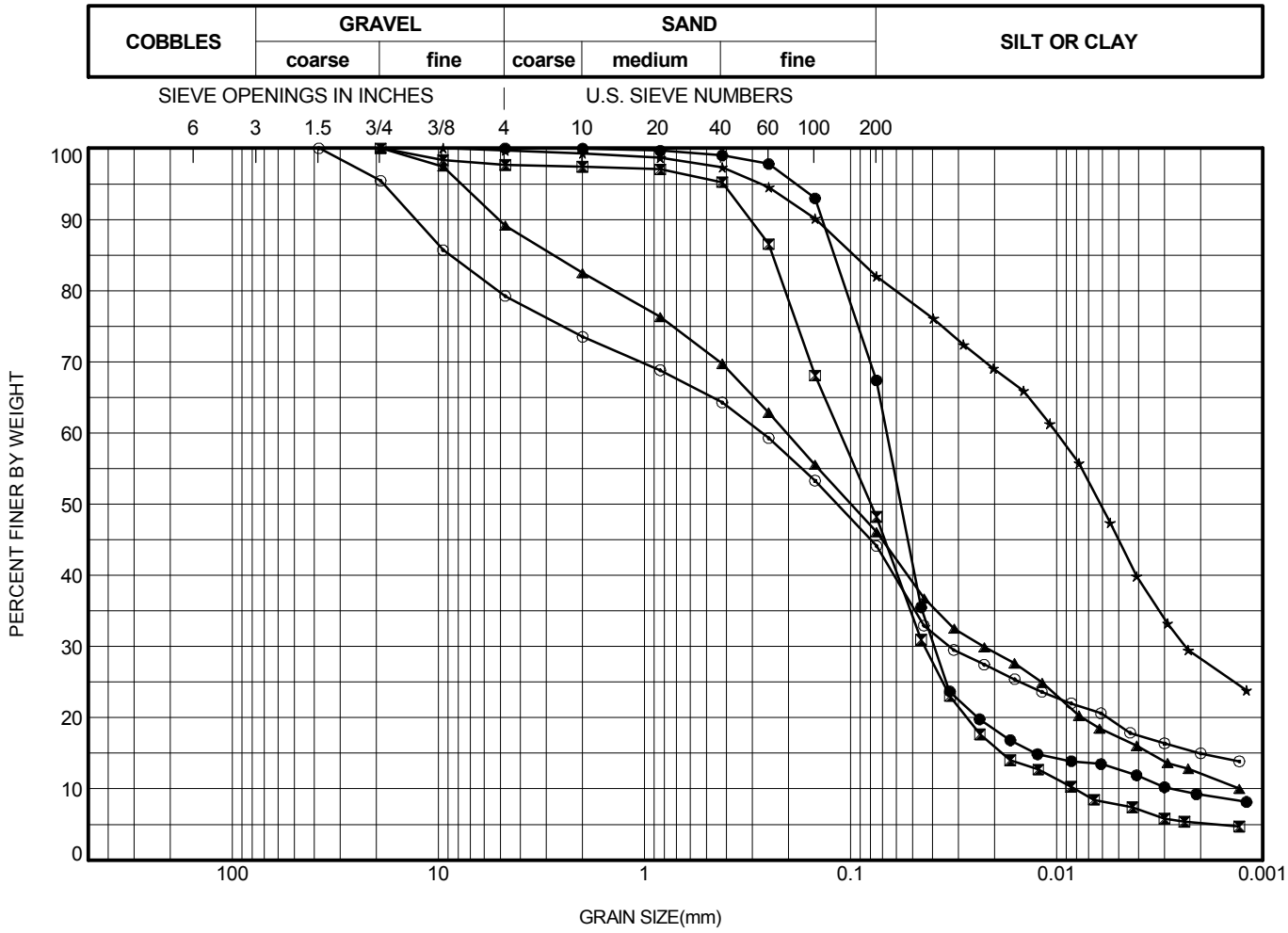
KCB_GRAIN_SIZE-IMP M09954A02 INDEX MASTER.GPJ SIEVE.GDT 12/22/14

GRAIN SIZE DISTRIBUTION



	HOLE	DEPTH (ft)	D85	D60	D50	D15	D10	CU	%GRAVEL	%SAND	%FINES
●	SH14-04	54.00	0.120						0.0	32.6	67.4
⊠	SH14-04	59.50	0.239	0.113	0.080				2.4	49.4	48.2
▲	SH14-05A	56.00	2.774	0.204	0.100				10.9	43.1	46.1
★	SH14-05A	61.80	0.097						0.3	17.7	82.0
⊙	SH14-06	33.60	8.835	0.269	0.116				20.8	35.1	44.1

	HOLE	SAMPLE	DEPTH (ft)	W%	W_L	W_P	PI	REMARKS / SAMPLE DESCRIPTION
●	SH14-04	G32	54.00		21	19	1	
⊠	SH14-04	G36	59.50		16	16	NP	
▲	SH14-05A	G26	56.00		21	14	7	
★	SH14-05A	G31	61.80		29	17	13	
⊙	SH14-06	G5	33.60		24	12	11	

CU = COEFFICIENT OF UNIFORMITY = D60/D10 **PARTICLE SIZES, e.g. D85, in mm** **Tested by Wet Sieving Method (ASTM D1140 & D422)**

Klohn Crippen Berger

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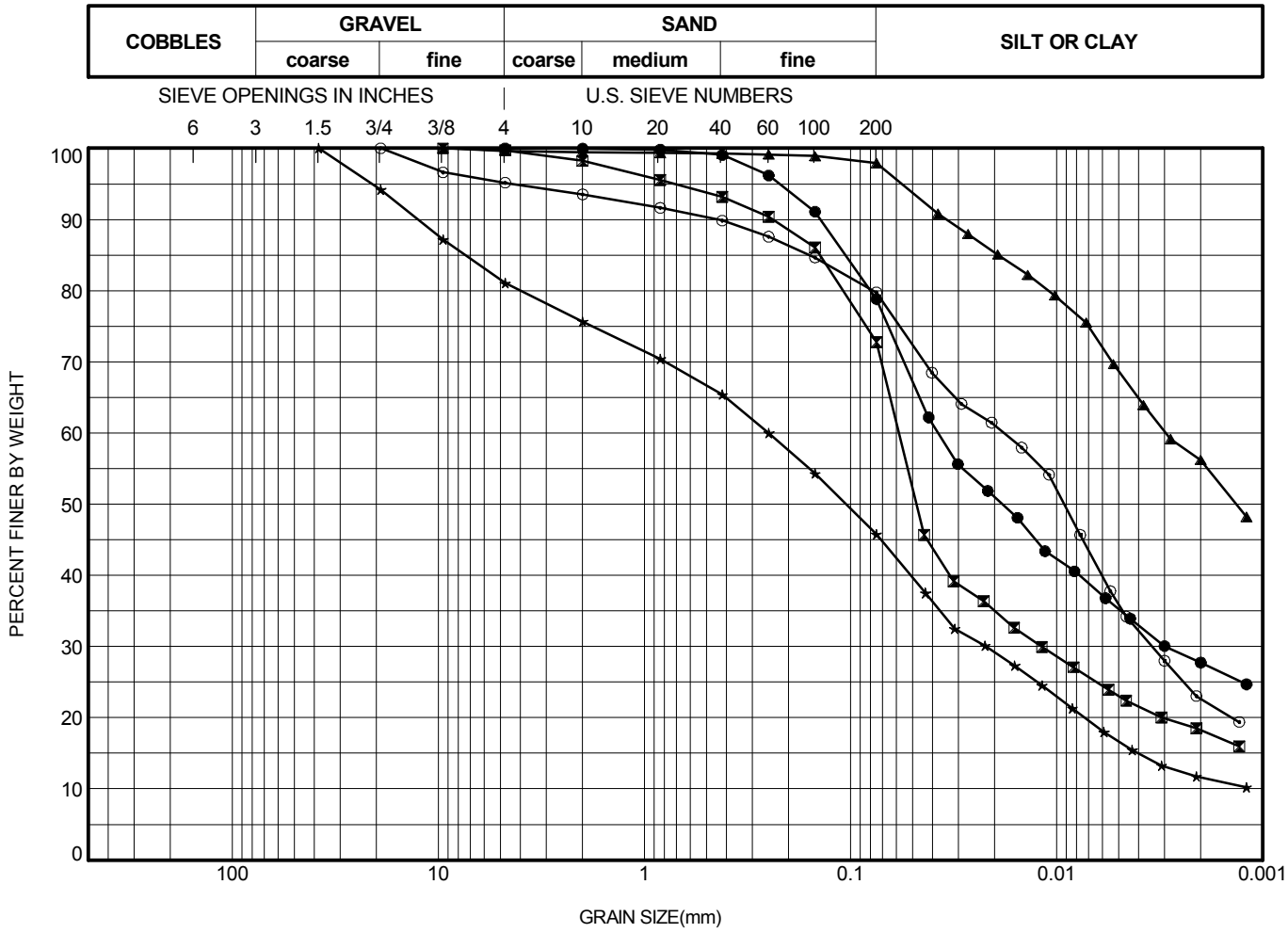
GRAIN SIZE DISTRIBUTION



	HOLE	DEPTH (ft)	D85	D60	D50	D15	D10	CU	%GRAVEL	%SAND	%FINES
●	SH14-06	48.10	0.106						0.0	21.2	78.8
⊠	SH14-06	49.50	0.141						0.3	27.0	72.8
▲	SH14-06	51.80							0.4	1.7	97.9
★	SH14-06	58.20	7.441	0.251	0.106				19.0	35.3	45.8
⊙	SH14-06	62.60	0.159						4.8	15.4	79.7

	HOLE	SAMPLE	DEPTH (ft)	W%	W_L	W_P	PI	REMARKS / SAMPLE DESCRIPTION
●	SH14-06	G18	48.10		24	13	11	
⊠	SH14-06	G20	49.50		21	17	3	
▲	SH14-06	G21A	51.80		54	21	33	
★	SH14-06	G27	58.20		22	14	8	
⊙	SH14-06	G31	62.60		29	14	15	

CU = COEFFICIENT OF UNIFORMITY = D60/D10 **PARTICLE SIZES, e.g. D85, in mm** **Tested by Wet Sieving Method (ASTM D1140 & D422)**

Klohn Crippen Berger

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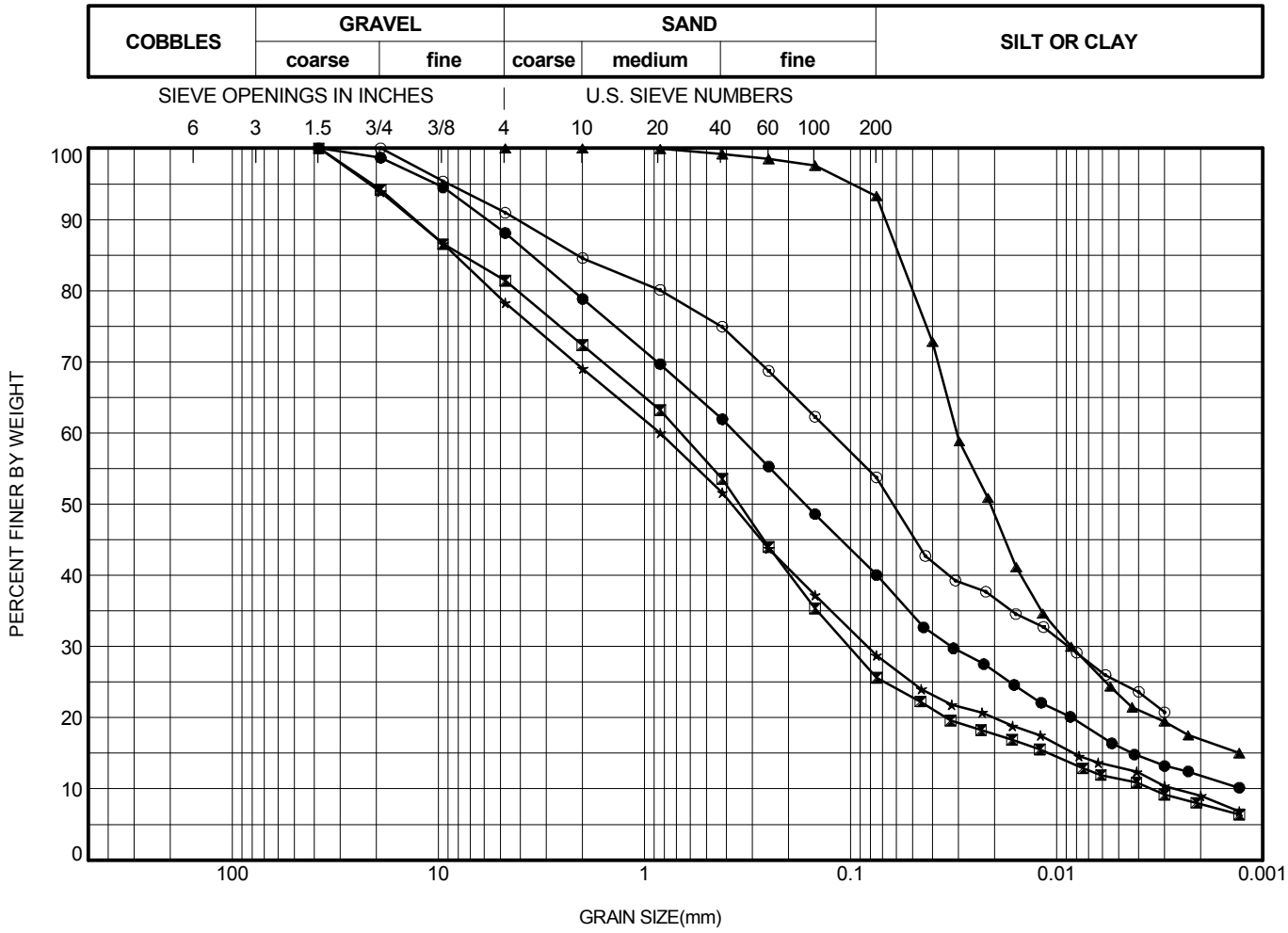
KCB_GRAIN_SIZE-IMP M09954A02 INDEX MASTER.GPJ SIEVE.GDT 12/22/14

GRAIN SIZE DISTRIBUTION



	HOLE	DEPTH (ft)	D85	D60	D50	D15	D10	CU	%GRAVEL	%SAND	%FINES
●	SH14-07	44.80	3.554	0.361	0.166				11.9	48.0	40.1
⧓	SH14-08	103.50	7.734	0.667	0.347				18.6	55.8	25.6
▲	SH14-08	112.80							0.0	6.7	93.3
★	SH14-08	125.00	8.341	0.839	0.378				21.7	49.6	28.7
⊙	SH14-08	134.50	2.116	0.124					9.0	37.2	53.8

	HOLE	SAMPLE	DEPTH (ft)	W%	W_L	W_P	PI	REMARKS / SAMPLE DESCRIPTION
●	SH14-07	G33A	44.80		24	13	10	
⧓	SH14-08	G25	103.50		18	14	3	
▲	SH14-08	G32	112.80		27	20	7	
★	SH14-08	G38	125.00		20	14	6	
⊙	SH14-08	G46	134.50		29	14	15	

CU = COEFFICIENT OF UNIFORMITY = D60/D10 **PARTICLE SIZES, e.g. D85, in mm** **Tested by Wet Sieving Method (ASTM D1140 & D422)**

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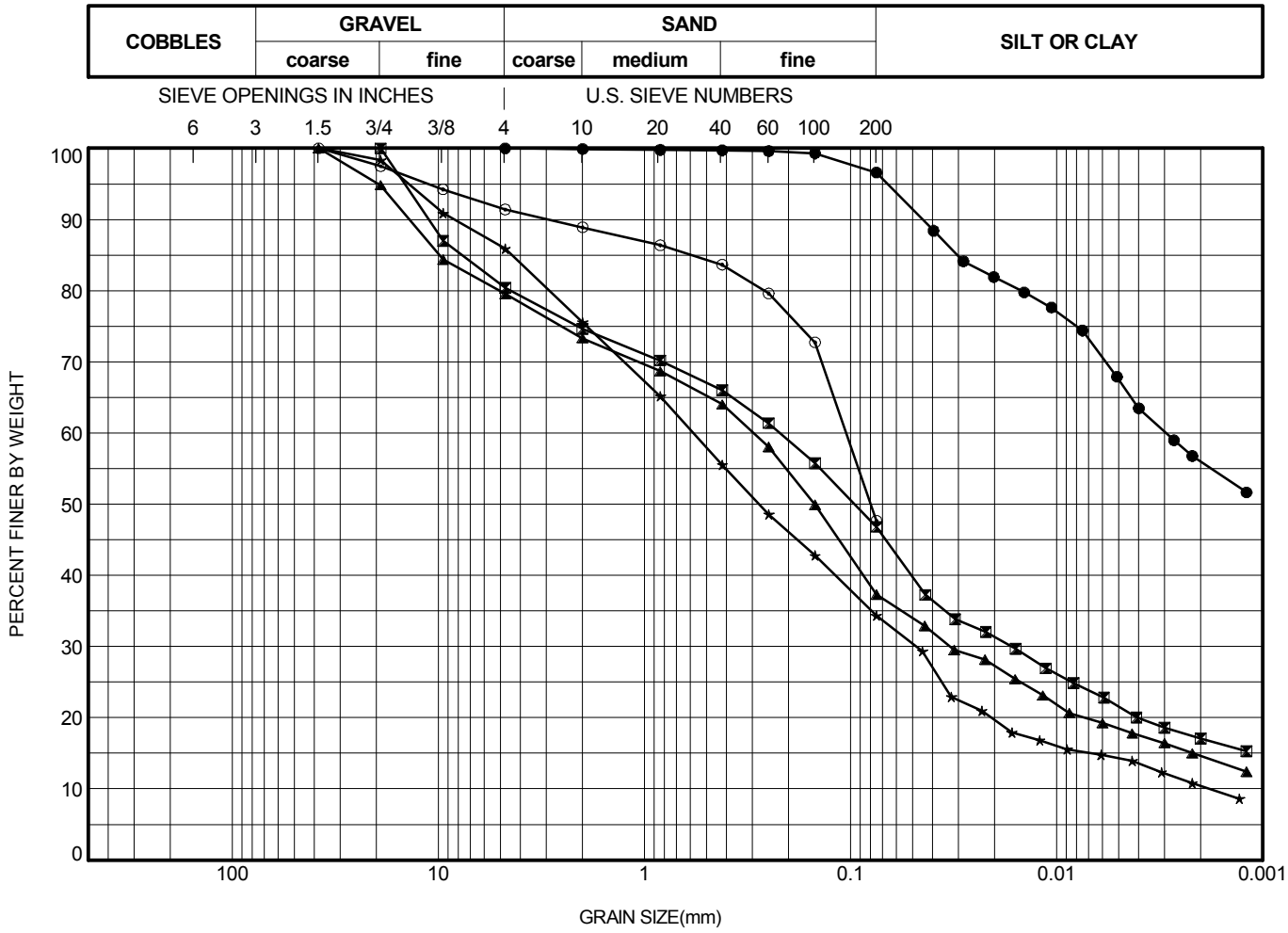
GRAIN SIZE DISTRIBUTION



	HOLE	DEPTH (ft)	D85	D60	D50	D15	D10	CU	%GRAVEL	%SAND	%FINES
●	SH14-08	155.50							0.0	3.4	96.6
⊠	SH14-10	23.70	7.709	0.220	0.096				19.6	33.6	46.8
▲	SH14-10	35.00	9.929	0.296	0.150				20.5	42.2	37.3
★	SH14-11	44.70	4.417	0.579	0.278				14.1	51.5	34.3
⊙	SH14-11B	32.00	0.592	0.105	0.080				8.6	43.7	47.7

	HOLE	SAMPLE	DEPTH (ft)	W%	W_L	W_P	PI	REMARKS / SAMPLE DESCRIPTION
●	SH14-08	G63	155.50		137	37	100	
⊠	SH14-10	G6	23.70		24	12	13	
▲	SH14-10	G13	35.00		23	14	9	
★	SH14-11	G19	44.70					
⊙	SH14-11B	G18A	32.00					

CU = COEFFICIENT OF UNIFORMITY = D60/D10 **PARTICLE SIZES, e.g. D85, in mm** **Tested by Wet Sieving Method (ASTM D1140 & D422)**

Klohn Crippen Berger

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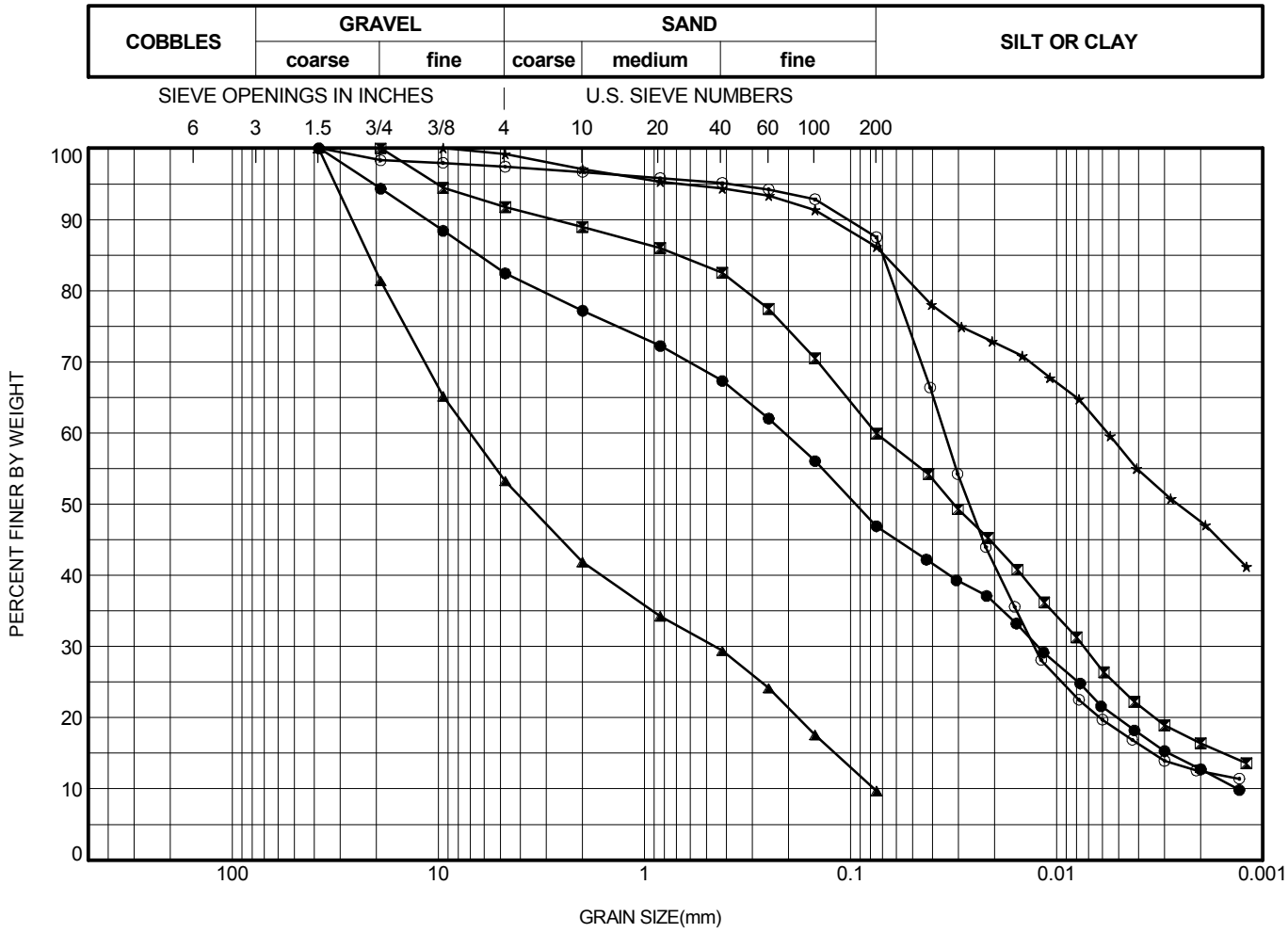
GRAIN SIZE DISTRIBUTION



	HOLE	DEPTH (ft)	D85	D60	D50	D15	D10	CU	%GRAVEL	%SAND	%FINES
●	SH14-14	15.00	6.402	0.210	0.095				17.6	35.5	46.9
⊠	SH14-14	38.50	0.692	0.076					8.2	31.9	59.9
▲	SH14-14	49.50	21.860	7.046	3.710	0.119	0.077	91.624	46.8	43.5	9.7
★	SH14-14	76.50							0.8	13.0	86.2
⊙	SH14-15	54.00							2.6	9.9	87.5

	HOLE	SAMPLE	DEPTH (ft)	W%	W_L	W_P	PI	REMARKS / SAMPLE DESCRIPTION
●	SH14-14	G6	15.00		25	17	8	
⊠	SH14-14	G21	38.50		26	16	10	
▲	SH14-14	G27	49.50					
★	SH14-14	G40	76.50		116	36	81	
⊙	SH14-15	G33	54.00		29	22	8	

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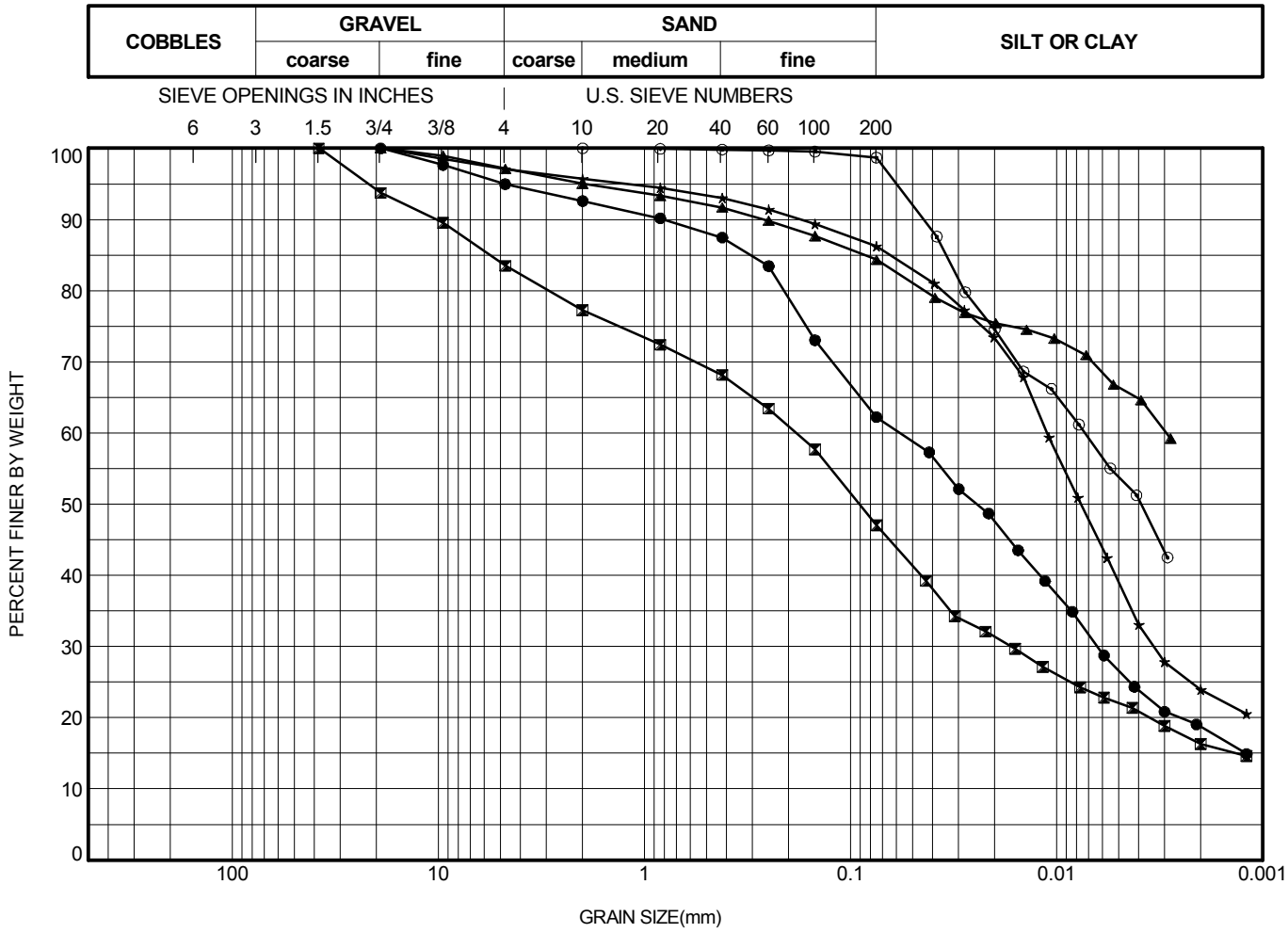

	HOLE	DEPTH (ft)	D85	D60	D50	D15	D10	CU	%GRAVEL	%SAND	%FINES
●	SH14-16	28.70	0.306						5.0	32.7	62.2
⊠	SH14-17	8.80	5.651	0.183	0.091				16.5	36.4	47.1
▲	SH14-17	19.30	0.086						2.9	12.8	84.3
★	SH14-17	25.50							2.9	10.9	86.2
⊙	SH14-17	42.10							0.0	1.3	98.7

	HOLE	SAMPLE	DEPTH (ft)	W%	W_L	W_P	PI	REMARKS / SAMPLE DESCRIPTION
●	SH14-16	G19	28.70		27	17	10	
⊠	SH14-17	G3	8.80		26	14	12	
▲	SH14-17	G11	19.30		56	21	35	
★	SH14-17	G16	25.50		34	19	15	
⊙	SH14-17	G28	42.10		41	21	19	

CU = COEFFICIENT OF UNIFORMITY = D60/D10 **PARTICLE SIZES, e.g. D85, in mm** **Tested by Wet Sieving Method (ASTM D1140 & D422)**

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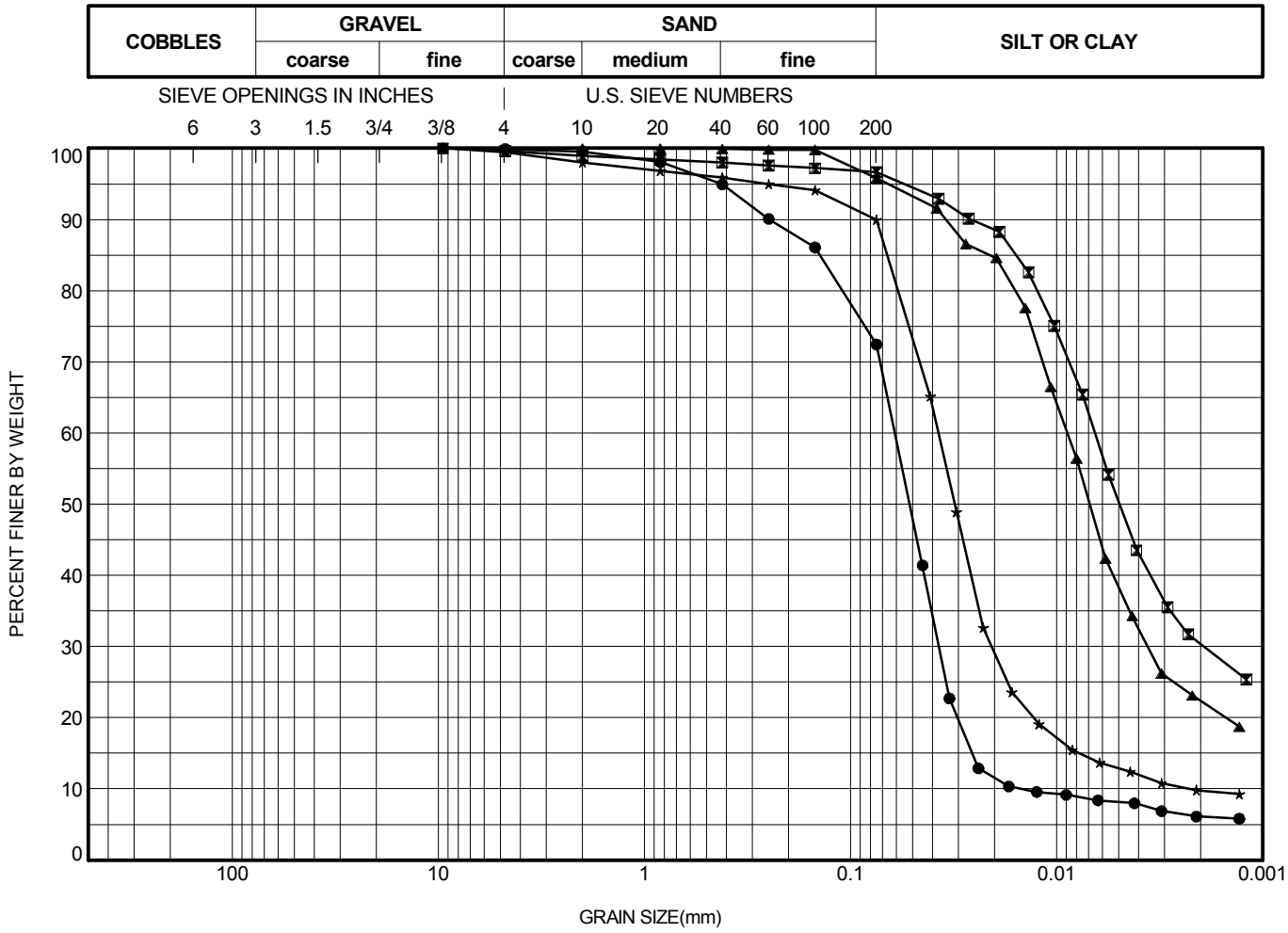

	HOLE	DEPTH (ft)	D85	D60	D50	D15	D10	CU	%GRAVEL	%SAND	%FINES
●	SH14-22A	33.30	0.141						0.1	27.5	72.4
⊠	SH14-22A	37.40							0.4	2.9	96.7
▲	SH14-22A	46.50							0.0	4.2	95.8
★	SH14-22A	58.90							0.6	9.4	90.0

	HOLE	SAMPLE	DEPTH (ft)	W%	W_L	W_P	PI	REMARKS / SAMPLE DESCRIPTION
●	SH14-22A	G27A	33.30		21	21	NP	
⊠	SH14-22A	G17	37.40		38	20	18	
▲	SH14-22A	G23A	46.50		34	23	11	
★	SH14-22A	G29	58.90		25	25	NP	

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