Table 1. The Calibrating Sample

	RA(J2000)	Dec(J2000)	I	R	B	U	z_{spec}	z_{phot}
HDF3646+1143	12 36 46.12	62 11 43.38	21.47	22.44	22.92	23.25	1.012	0.775
HDF3643+1143	12 36 43.72	62 11 43.95	20.88	22.49	24.62	24.62	0.764	0.700
HDF3646+1146	12 36 46.84	62 11 46.09	23.50	24.17	24.24	23.89	1.059	0.950
HDF3648+1147	12 36 48.31	62 11 47.47	25.12	25.28	26.04	28.01	2.980	3.000
HDF3646+1152	12 36 46.44	62 11 52.31	21.91	22.99	24.70	24.58	0.504	0.425
HDF3643+1152	12 36 43.32	62 11 52.63	22.91	23.33	23.42	23.61	1.242	1.600
HDF3649+1156	12 36 49.26	62 11 56.08	23.48	23.92	23.80	23.48	0.961	0.975
HDF3641+1201	12 36 41.51	62 12 1.41	24.64	25.03	25.83	25.47	0.483	0.650
HDF3645+1202	12 36 45.86	62 12 2.63	23.66	24.44	24.83	24.26	0.679	0.900
HDF3640+1203	12 36 40.70	62 12 3.84	23.10	23.73	23.97	24.44	1.010	1.350
HDF3641+1206	12 36 41.85	62 12 6.59	21.01	21.64	22.57	23.19	0.432	0.600
HDF3651+1210	12 36 51.94	62 12 10.69	22.92	23.44	24.17	24.81	0.456	0.525
HDF3648+1215	12 36 48.17	62 12 15.04	22.56	23.40	23.75	23.58	0.960	0.875
HDF3642+1217	12 36 42.78	62 12 17.48	20.73	21.30	22.20	22.88	0.454	0.550
HDF3643+1219	12 36 43.53	62 12 19.33	22.59	23.42	23.92	24.71	0.750	0.725
HDF3652+1220	12 36 52.60	62 12 20.77	23.15	23.63	24.37	25.12	0.401	0.480
HDF3649+1221	12 36 49.44	62 12 21.17	24.04	24.50	24.65	24.45	0.961	0.950
HDF3651+1221	12 36 51.62	62 12 21.30	21.54	22.23	23.32	24.61	0.299	0.460
HDF3659+1222[4]	12 36 59.45	62 12 22.20	23.67	24.30	24.68	24.18	0.470	0.925
HDF3648+1222	12 36 48.95	62 12 22.38	22.43	23.21	23.53	23.50	0.953	0.875
HDF3658+1222	12 36 58.56	62 12 22.76	23.34	24.03	24.40	23.90	0.681	0.925
HDF3657+1226	12 36 57.11	62 12 26.68	22.45	23.03	23.64	23.42	0.561	0.700
HDF3651+1228	12 36 51.26	62 12 28.47	26.33	25.94	26.41	27.30	2.775	2.800
HDF3644+1228	12 36 44.55	62 12 28.51	23.59	23.96	24.10	25.37	2.268	2.050
HDF3647+1231	12 36 47.30	62 12 31.76	22.82	23.23	23.99	23.95	0.421	0.550
HDF3653+1235	12 36 53.37	62 12 35.41	22.81	23.48	24.21	26.13	0.559	0.430
HDF3700+1235	12 37 0.48	62 12 35.77	21.40	22.54	24.11	24.30	0.562	0.440
HDF3646+1237	12 36 46.96	62 12 37.95	21.08	21.50	22.26	22.91	0.321	0.175
HDF3641+1239	12 36 41.63	62 12 39.82	25.48	25.51	25.53	28.13	2.591	2.300
HDF3650+1240	12 36 50.12	62 12 40.94	20.76	21.31	22.14	22.76	0.474	0.550
HDF3644+1241	12 36 44.08	62 12 41.66	23.16	23.91	24.16	24.21	0.873	0.900
HDF3655+1246	12 36 55.49	62 12 46.35	21.95	22.93	23.58	23.79	0.790	0.750
HDF3650+1246	12 36 50.18	62 12 46.92	21.45	22.89	24.58	26.60	0.678	0.625
HDF3644+1248	12 36 44.11	62 12 48.97	21.49	21.98	22.55	22.94	0.558	0.625
HDF3649+1249[8]	12 36 49.74	62 12 49.94	25.17	25.44	26.62	28.01	3.233	3.200
HDF3655+1250	12 36 55.57	62 12 50.01	23.12	23.84	24.06	23.92	0.950	0.925

Table 1. Continued

	RA(J2000)	Dec(J2000)	I	R	B	U	z_{spec}	z_{phot}
HDF3658+1253	12 36 58.66	62 12 53.26	21.50	21.95	22.76	23.17	0.320	0.470
HDF3656+1253	12 36 56.66	62 12 53.56	23.18	23.99	24.28	24.03	1.231	0.900
HDF3647+1253	12 36 47.47	62 12 53.68	23.74	24.36	25.12	25.03	0.681	0.700
HDF3650+1257	12 36 50.73	62 12 57.07	22.47	22.71	23.31	23.78	0.319	0.240
HDF3647+1257[6,8]	12 36 47.69	62 12 57.35	24.87	25.26	26.24	28.01	2.931	3.100
HDF3657+1301	12 36 57.99	62 13 1.50	22.36	22.57	23.13	23.28	0.319	0.220
HDF3648+1310	12 36 48.00	62 13 10.07	20.54	21.58	23.28	25.22	0.475	0.410
HDF3649+1312	12 36 49.29	62 13 12.32	22.05	22.62	23.44	23.98	0.478	0.575
HDF3649+1314	12 36 49.58	62 13 14.31	21.58	22.39	23.59	24.36	0.475	0.575
HDF3655+1315[2]	12 36 54.92	62 13 15.70	23.96	24.48	25.13	25.48	0.511	0.650
HDF3654+1315	12 36 54.64	62 13 15.76	23.95	24.09	24.33	24.56	2.232	2.200
HDF3648+1319	12 36 48.75	62 13 19.51	22.77	23.54	23.93	24.13	0.749	0.800
HDF3651+1321	12 36 51.01	62 13 21.31	20.13	20.46	21.05	22.08	0.199	0.100
HDF3653+1322	12 36 53.17	62 13 22.47	24.59	24.75	24.78	25.59	2.489	2.300
HDF3648+1329	12 36 48.42	62 13 29.55	23.05	24.03	24.33	25.25	0.958	0.750
HDF3653+1330[8]	12 36 53.34	62 13 30.39	24.64	24.91	25.82	28.01	2.991	3.000
HDF3652+1338[8]	12 36 52.32	62 13 38.73	24.97	25.33	26.55	28.01	3.430	3.300
HDF3652+1340[8]	12 36 52.66	62 13 40.06	25.10	25.32	26.28	28.01	3.368	3.100
HDF3654+1342[8]	12 36 54.53	62 13 42.29	25.32	25.31	25.46	27.93	2.419	2.600
HDF3649+1347	12 36 49.35	62 13 47.92	18.33	18.94	19.93	22.83	0.089	0.075
HDF3545+1347[7]	12 36 45.31	62 13 47.92	24.91	24.99	25.49	26.73	3.160	3.100
HDF3654+1348[8]	12 36 54.97	62 13 48.10	24.59	24.62	24.82	26.71	2.233	2.275
HDF3655+1355	12 36 55.44	62 13 54.58	22.63	23.26	23.48	23.66	1.148	1.400
HDF3651+1354	12 36 51.69	62 13 54.79	21.15	22.03	23.03	23.82	0.557	0.650
HDF3652+1355	12 36 52.71	62 13 55.52	22.03	22.33	22.44	22.92	1.355	1.600
HDF3651+1401	12 36 51.94	62 14 1.99	22.97	23.68	24.38	24.57	0.557	0.700
HDF3650+1402	12 36 50.04	62 14 2.10	24.26	24.63	24.59	25.50	2.237	2.000
HDF3646+1405[1]	12 36 46.26	62 14 5.69	21.77	22.83	23.85	25.43	0.960	0.625
HDF3652+1405	12 36 52.81	62 14 5.77	23.16	24.01	24.73	24.54	0.498	0.750
HDF3649+1407	12 36 49.43	62 14 7.74	21.78	22.77	23.49	23.89	0.752	0.750
HDF3646+1408[3]	12 36 46.33	62 14 8.67	23.47	23.92	24.30	24.85	0.130	0.675
HDF3643+1410[7]	12 36 43.98	62 14 10.96	24.32	24.40	24.45	27.07	2.267	2.400
HDF3653+1411[5,8]	12 36 53.51	62 14 11.12	24.63	24.97	26.29	28.01	3.181	3.400
HDF3645+1413	12 36 45.80	62 14 13.16	24.67	24.69	24.83	26.55	2.427	2.100
HDF3649+1416	12 36 49.72	62 14 16.25	23.29	23.76	23.90	24.61	2.001	1.800
HDF3648+1417[9]	12 36 48.25	62 14 17.70	23.27	23.57	23.77	25.07	2.008	2.008
HDF3650+1419	12 36 50.28	62 14 19.72	23.11	23.87	24.23	24.15	0.816	0.900

[1] This galaxy is close to HDF3646+1408 ($z_{spec} = 0.13$). An aperture of $1.2''$ diameter is used for this object.

[2] This galaxy is within $3''$ of another object (Lanzetta et al 1997). An aperture of $1.2''$ is used for this galaxy.

[3] A spectroscopic redshift of 0.13 is found for this galaxy (Cowie 1997). However, this object is close to another galaxy (HDF3646+1405) with $z_{spec} = 0.96$ and lies within $1''$ of a brighter source. It is likely that the spectroscopic redshift of this galaxy is in error. Lanzetta et al (1997) estimate a photometric redshift of 1.2 for this object compared to our value of 0.675 (when using $1.2''$ aperture diameter).

[4] This galaxy lies within $1''$ of a slightly brighter galaxy with no available redshift. Lanzetta et al (1997) estimate a photometric redshift of 0.76 for this object compared to our estimate of 0.925. It is likely that the spectroscopic redshift of this object is in error due to confusion with an overlapping source.

[5] This galaxy is undetected in the U-band and shows a very red $B - I$ colour. It is likely that intervening absorbers have affected its SED.

[6] This object shows a very complex morphology with a disk galaxy a few arcsec to its southwest (Lowenthal et al 1997). An aperture of $1.2''$ diameter is used for this galaxy.

[7] An aperture of $1.2''$ diameter is used for this galaxy due to close companions.

[8] These objects are identified as UV 'drop-outs' in Lowenthal et al (1997). We assume $U = 28.01$ mag. An effective aperture of $1.2''$ diameter is used.

[9] This galaxy had been given a wrong spectroscopic redshift of 2.845. Its spectroscopic redshift was subsequently measured to be 2.008 (Lanzetta et al 1997; Dickinson 1998).