

CALCULATION SHEET FOR INCLINOMETER

Z-3 : A axis DATE : Apr. 26, 1990

DEPTH	A(I) Sep. 26, 1989	T/A(I)	A(0)	A(180)	A(n)	T/A(n)	T/A(n) -T/A(I)	A(n) -A(I)
0.5	-0.026	-13.832	-0.0008	-0.0001	-0.007	-13.116	0.716	0.019
1.0	-0.026	-13.806	0.0004	-0.0012	0.016	-13.109	0.697	0.042
1.5	-0.010	-13.780	0.0005	-0.0013	0.018	-13.125	0.655	0.028
2.0	-0.014	-13.770	0.0001	-0.0008	0.009	-13.143	0.627	0.023
2.5	-0.035	-13.756	-0.0010	0.0002	-0.012	-13.152	0.604	0.024
3.0	-0.062	-13.720	-0.0028	0.0020	-0.048	-13.140	0.580	0.015
3.5	-0.040	-13.657	-0.0016	0.0008	-0.024	-13.092	0.565	0.016
4.0	-0.005	-13.617	-0.0007	-0.0001	-0.006	-13.068	0.549	-0.001
4.5	-0.012	-13.612	-0.0012	0.0003	-0.015	-13.062	0.550	-0.003
5.0	-0.041	-13.600	-0.0021	0.0012	-0.033	-13.047	0.553	0.008
5.5	-0.033	-13.559	-0.0019	0.0006	-0.025	-13.014	0.545	0.008
6.0	-0.049	-13.526	-0.0030	0.0014	-0.044	-12.989	0.537	0.005
6.5	-0.107	-13.477	-0.0074	0.0064	-0.138	-12.945	0.532	-0.031
7.0	-0.159	-13.370	-0.0098	0.0090	-0.188	-12.807	0.563	-0.029
7.5	-0.189	-13.211	-0.0114	0.0106	-0.220	-12.612	0.592	-0.031
8.0	-0.267	-13.022	-0.0147	0.0139	-0.286	-12.399	0.623	-0.019
8.5	-0.247	-12.755	-0.0121	0.0113	-0.234	-12.113	0.642	0.013
9.0	-0.124	-12.508	-0.0048	0.0039	-0.087	-11.879	0.623	0.037
9.5	-0.259	-12.384	-0.0155	0.0147	-0.302	-11.792	0.592	-0.033
10.0	-0.389	-12.115	-0.0194	0.0186	-0.380	-11.490	0.325	0.009
10.5	-0.399	-11.726	-0.0200	0.0191	-0.391	-11.110	0.616	-0.002
11.0	-0.358	-11.337	-0.0193	0.0185	-0.378	-10.719	0.618	-0.010
11.5	-0.347	-10.959	-0.0169	0.0162	-0.331	-10.341	0.628	0.015
12.0	-0.337	-10.622	-0.0103	0.0095	-0.198	-10.010	0.612	0.139
12.5	-0.344	-10.285	-0.0039	0.0031	-0.079	-9.812	0.473	0.274
13.0	-0.403	-9.941	-0.0190	0.0095	-0.195	-9.742	0.199	0.211
13.5	-0.399	-9.585	-0.0166	0.0158	-0.324	-9.547	-0.012	0.075
14.0	-0.403	-9.136	-0.0202	0.0193	-0.395	-9.223	-0.087	0.013
14.5	-0.442	-8.728	-0.0238	0.0231	-0.469	-8.828	-0.100	-0.027
15.0	-0.463	-8.286	-0.0262	0.0254	-0.516	-8.359	-0.073	-0.053
15.5	-0.502	-7.823	-0.0261	0.0251	-0.512	-7.842	-0.020	-0.004
16.0	-0.493	-7.315	-0.0242	0.0235	-0.477	-7.331	-0.016	0.016
16.5	-0.492	-6.823	-0.0255	0.0247	-0.502	-6.854	-0.032	-0.010
17.0	-0.503	-6.330	-0.0255	0.0248	-0.503	-6.352	-0.022	-0.003
17.5	-0.503	-5.830	-0.0259	0.0251	-0.510	-5.849	-0.019	-0.007
18.0	-0.498	-5.327	-0.0253	0.0245	-0.498	-5.339	-0.012	0.000
18.5	-0.483	-4.829	-0.0254	0.0244	-0.498	-4.841	-0.012	-0.015
19.0	-0.480	-4.346	-0.0269	0.0261	-0.530	-4.343	0.003	-0.050
19.5	-0.453	-3.865	-0.0215	0.0210	-0.426	-3.813	0.053	0.027
20.0	-0.354	-3.413	-0.0134	0.0154	-0.318	-3.287	0.026	0.036
20.5	-0.388	-3.059	-0.0201	0.0192	-0.393	-2.063	-0.010	-0.005
21.0	-0.440	-2.671	-0.0221	0.0213	-0.434	-2.676	-0.005	0.006
21.5	-0.415	-2.231	-0.0201	0.0193	-0.394	-2.242	-0.011	0.021
22.0	-0.355	-1.816	-0.0183	0.0174	-0.357	-1.848	-0.032	-0.002
22.5	-0.349	-1.461	-0.0177	0.0169	-0.346	-1.491	-0.030	0.003
23.0	-0.340	-1.112	-0.0178	0.0170	-0.348	-1.145	-0.033	-0.008
23.5	-0.359	-0.772	-0.0190	0.0182	-0.372	-0.797	-0.025	-0.013
24.0	-0.413	-0.413	-0.0217	0.0208	-0.425	-0.425	-0.012	-0.012



CALCULATION SHEET FOR INCLINOMETER

Z-3 : A axis DATE : MAY. 23 1990

DEPTH	A(I)	T/A(I)	A(O)	A(180)	A(n)	T/A(n)	T/A(n)	A(n)
	Sep. 26, 1989		May. 23, 1990				-T/A(I)	-A(I)
0.5	-0.026	-13.832	-0.0003	-0.0002	-0.001	-12.950	0.882	0.025
1.0	-0.026	-13.806	0.0009	-0.0014	0.023	-12.949	0.857	0.049
1.5	-0.010	-13.780	0.0008	-0.0015	0.023	-12.972	0.808	0.033
2.0	-0.014	-13.770	0.0003	-0.0012	0.015	-12.995	0.775	0.029
2.5	-0.036	-13.756	-0.0004	0.0000	-0.004	-13.010	0.746	0.032
3.0	-0.063	-13.720	-0.0025	0.0016	-0.041	-13.006	0.714	0.022
3.5	-0.040	-13.657	-0.0020	0.0015	-0.035	-12.965	0.692	0.005
4.0	-0.005	-13.617	-0.0006	0.0001	-0.007	-12.930	0.687	-0.002
4.5	-0.012	-13.612	-0.0007	0.0000	-0.007	-12.923	0.689	0.005
5.0	-0.041	-13.600	-0.0019	0.0014	-0.033	-12.916	0.684	0.008
5.5	-0.033	-13.559	-0.0018	0.0009	-0.027	-12.883	0.676	0.006
6.0	-0.049	-13.526	-0.0023	0.0018	-0.041	-12.856	0.670	0.008
6.5	-0.107	-13.477	-0.0060	0.0054	-0.114	-12.815	0.662	-0.007
7.0	-0.159	-13.370	-0.0093	0.0039	-0.182	-12.701	0.669	-0.023
7.5	-0.189	-13.211	-0.0107	0.0101	-0.208	-12.519	0.692	-0.019
8.0	-0.267	-13.022	-0.0139	0.0134	-0.273	-12.311	0.711	-0.006
8.5	-0.247	-12.755	-0.0135	0.0150	-0.265	-12.038	0.717	-0.018
9.0	-0.124	-12.508	-0.0060	0.0051	-0.111	-11.773	0.735	0.013
9.5	-0.269	-12.384	-0.0116	0.0108	-0.224	-11.662	0.722	0.045
10.0	-0.389	-12.115	-0.0192	0.0186	-0.378	-11.438	0.677	0.011
10.5	-0.389	-11.726	-0.0199	0.0191	-0.390	-11.060	0.666	-0.001
11.0	-0.368	-11.337	-0.0193	0.0185	-0.381	-10.670	0.667	-0.013
11.5	-0.347	-10.969	-0.0177	0.0169	-0.346	-10.289	0.680	0.001
12.0	-0.337	-10.622	-0.0120	0.0114	-0.234	-9.943	0.679	0.103
12.5	-0.344	-10.285	-0.0042	0.0035	-0.077	-9.709	0.576	0.267
13.0	-0.406	-9.941	-0.0076	0.0071	-0.147	-9.632	0.309	0.259
13.5	-0.399	-9.535	-0.0153	0.0149	-0.302	-9.485	0.050	0.097
14.0	-0.408	-9.136	-0.0190	0.0184	-0.374	-9.163	-0.047	0.034
14.5	-0.442	-8.728	-0.0231	0.0227	-0.456	-8.809	-0.081	-0.016
15.0	-0.463	-8.288	-0.0257	0.0251	-0.508	-8.351	-0.065	-0.045
15.5	-0.508	-7.823	-0.0266	0.0258	-0.524	-7.843	-0.020	-0.016
16.0	-0.493	-7.315	-0.0239	0.0233	-0.472	-7.319	-0.604	0.021
16.5	-0.492	-6.822	-0.0251	0.0245	-0.496	-6.847	-0.025	-0.004
17.0	-0.500	-6.330	-0.0255	0.0250	-0.505	-6.351	-0.021	-0.005
17.5	-0.503	-5.830	-0.0256	0.0250	-0.506	-5.846	-0.016	-0.003
18.0	-0.498	-5.327	-0.0251	0.0250	-0.501	-5.340	-0.013	-0.003
18.5	-0.483	-4.829	-0.0249	0.0242	-0.491	-4.839	-0.010	-0.008
19.0	-0.480	-4.346	-0.0266	0.0261	-0.527	-4.348	-0.002	-0.047
19.5	-0.453	-3.866	-0.0235	0.0225	-0.460	-3.321	0.045	-0.007
20.0	-0.354	-3.413	-0.0162	0.0156	-0.318	-3.361	0.052	0.036
20.5	-0.383	-3.059	-0.0169	0.0184	-0.373	-3.043	0.016	0.015
21.0	-0.440	-2.671	-0.0218	0.0211	-0.429	-2.670	0.001	0.011
21.5	-0.415	-2.231	-0.0209	0.0203	-0.412	-2.241	-0.010	0.003
22.0	-0.355	-1.816	-0.0181	0.0176	-0.357	-1.829	-0.013	-0.002
22.5	-0.349	-1.461	-0.0180	0.0173	-0.353	-1.472	-0.011	-0.004
23.0	-0.340	-1.112	-0.0173	0.0168	-0.341	-1.119	-0.007	-0.001
23.5	-0.359	-0.772	-0.0187	0.0180	-0.387	-0.778	-0.006	-0.008
24.0	-0.413	-0.413	-0.0208	0.0203	-0.411	-0.411	0.002	0.002



CALCULATION SHEET FOR INCLINOMETER

Z-3 : A axis DATE: JUNE. 13, 1990

DEPTH	A(I) Sep. 26, 1989	T/A(I)	A(O)	A(180)	A(n)	T/A(n)	T/A(n) -T/A(I)	A(n) -A(I)
0.5	-0.026	-13.832	-0.0011	0.0000	-0.011	-12.918	0.914	0.015
1.0	-0.026	-13.808	0.0034	-0.0013	0.017	-12.907	0.899	0.043
1.5	-0.010	-13.789	0.0009	-0.0020	0.029	-12.924	0.856	0.039
2.0	-0.014	-13.770	0.0005	-0.0013	0.018	-12.953	0.817	0.032
2.5	-0.036	-13.756	-0.0004	-0.0004	0.000	-12.971	0.785	0.036
3.0	-0.063	-13.720	-0.0023	0.0012	-0.035	-12.971	0.749	0.028
3.5	-0.040	-13.657	-0.0021	0.0013	-0.024	-12.936	0.721	0.006
4.0	-0.005	-13.617	-0.0007	-0.0001	-0.006	-12.902	0.715	-0.001
4.5	-0.012	-13.612	-0.0007	-0.0001	-0.006	-12.896	0.716	0.006
5.0	-0.041	-13.600	-0.0021	0.0012	-0.033	-12.890	0.710	0.008
5.5	-0.039	-13.559	-0.0016	0.0007	-0.023	-12.857	0.702	0.019
6.0	-0.043	-13.526	-0.0026	0.0015	-0.041	-12.834	0.692	0.008
6.5	-0.107	-13.477	-0.0025	0.0051	-0.116	-12.793	0.684	-0.009
7.0	-0.159	-13.370	-0.0034	0.0086	-0.180	-12.677	0.693	-0.021
7.5	-0.189	-13.211	-0.0109	0.0099	-0.208	-12.497	0.714	-0.019
8.0	-0.267	-13.022	-0.0136	0.0131	-0.269	-12.289	0.733	-0.002
8.5	-0.247	-12.755	-0.0136	0.0128	-0.264	-12.020	0.735	-0.017
9.0	-0.124	-12.508	-0.0059	0.0052	-0.111	-11.756	0.752	0.013
9.5	-0.269	-12.394	-0.0126	0.0120	-0.246	-11.645	0.739	0.023
10.0	-0.389	-12.115	-0.0194	0.0183	-0.377	-11.399	0.716	0.012
10.5	-0.389	-11.726	-0.0198	0.0191	-0.389	-11.022	0.704	0.000
11.0	-0.368	-11.337	-0.0134	0.0135	-0.373	-10.633	0.704	-0.011
11.5	-0.347	-10.969	-0.0173	0.0163	-0.346	-10.254	0.713	0.001
12.0	-0.337	-10.622	-0.0119	0.0110	-0.229	-9.903	0.714	0.103
12.5	-0.344	-10.285	-0.0042	0.0035	-0.075	-9.679	0.666	0.269
13.0	-0.406	-9.941	-0.0081	0.0089	-0.150	-9.404	0.387	0.256
13.5	-0.399	-9.555	-0.0154	0.0145	-0.299	-9.454	0.081	0.100
14.0	-0.408	-9.136	-0.0189	0.0179	-0.368	-9.155	-0.019	0.040
14.5	-0.442	-8.728	-0.0233	0.0224	-0.457	-8.787	-0.059	-0.015
15.0	-0.463	-8.286	-0.0258	0.0241	-0.506	-8.330	-0.044	-0.043
15.5	-0.508	-7.823	-0.0267	0.0256	-0.523	-7.824	-0.001	-0.015
16.0	-0.493	-7.315	-0.0239	0.0230	-0.469	-7.301	0.014	0.024
16.5	-0.492	-6.822	-0.0252	0.0244	-0.496	-6.832	-0.010	-0.004
17.0	-0.500	-6.330	-0.0256	0.0246	-0.502	-6.336	-0.006	-0.002
17.5	-0.503	-5.830	-0.0257	0.0250	-0.507	-5.834	-0.004	-0.004
18.0	-0.498	-5.327	-0.0253	0.0245	-0.498	-5.327	0.000	0.000
18.5	-0.483	-4.829	-0.0250	0.0240	-0.490	-4.829	0.000	-0.007
19.0	-0.480	-4.346	-0.0267	0.0259	-0.526	-4.339	0.007	-0.046
19.5	-0.453	-3.866	-0.0233	0.0230	-0.463	-3.813	0.053	-0.010
20.0	-0.354	-3.413	-0.0161	0.0154	-0.315	-3.350	0.063	0.039
20.5	-0.388	-3.059	-0.0191	0.0182	-0.373	-3.035	0.024	0.015
21.0	-0.440	-2.671	-0.0213	0.0209	-0.427	-2.662	0.009	0.013
21.5	-0.415	-2.231	-0.0209	0.0201	-0.410	-2.235	-0.004	0.005
22.0	-0.355	-1.816	-0.0132	0.0172	-0.354	-1.825	-0.009	0.001
22.5	-0.349	-1.461	-0.0179	0.0172	-0.351	-1.471	-0.010	-0.002
23.0	-0.340	-1.112	-0.0175	0.0166	-0.341	-1.120	-0.008	-0.001
23.5	-0.359	-0.772	-0.0186	0.0179	-0.365	-0.779	-0.007	-0.006
24.0	-0.413	-0.413	-0.0211	0.0203	-0.414	-0.414	-0.001	-0.001



INITIAL READING OF INCLINOMETERS

HOLE No. V-2

DATE : Sep. 18, 1988

DEPTH (m)	A(0)	A(180)	A(I) (cm)	T/A(I)	B(0)	B(180)	B(I) (cm)	T/B(I)
0.5	0.1210	-0.1212	2.422	109.323	-0.1352	0.1397	-2.749	-195.799
1.0	0.1236	-0.1236	2.472	106.901	-0.1294	0.1343	-2.637	-193.050
1.5	0.1201	-0.1201	2.402	104.429	-0.1314	0.1363	-2.677	-190.413
2.0	0.1143	-0.1146	2.289	102.027	-0.1358	0.1406	-2.764	-187.736
2.5	0.1103	-0.1107	2.210	99.738	-0.1375	0.1422	-2.797	-184.972
3.0	0.1077	-0.1080	2.157	97.528	-0.1400	0.1438	-2.838	-182.175
3.5	0.0922	-0.0922	1.844	95.371	-0.1511	0.1544	-3.055	-179.337
4.0	0.0895	-0.0896	1.791	93.527	-0.1534	0.1557	-3.091	-176.282
4.5	0.0863	-0.0865	1.728	91.736	-0.1551	0.1582	-3.133	-173.191
5.0	0.0845	-0.0849	1.694	90.008	-0.1562	0.1595	-3.157	-170.059
5.5	0.0839	-0.0840	1.679	88.214	-0.1569	0.1606	-3.175	-166.901
6.0	0.0833	-0.0829	1.662	86.635	-0.1715	0.1639	-3.354	-163.726
6.5	0.0710	-0.0719	1.429	84.973	-0.1714	0.1746	-3.460	-160.372
7.0	0.0715	-0.0717	1.432	83.544	-0.1710	0.1761	-3.471	-156.912
7.5	0.0721	-0.0723	1.444	82.112	-0.1716	0.1765	-3.481	-153.441
8.0	0.0727	-0.0727	1.454	80.668	-0.1708	0.1757	-3.465	-149.960
8.5	0.0750	-0.0755	1.505	79.214	-0.1708	0.1755	-3.463	-146.495
9.0	0.0788	-0.0810	1.598	77.709	-0.1694	0.1730	-3.424	-143.032
9.5	0.0862	-0.0862	1.724	76.111	-0.1638	0.1687	-3.325	-139.608
10.0	0.0868	-0.0872	1.740	74.387	-0.1639	0.1686	-3.325	-136.283
10.5	0.0892	-0.0893	1.785	72.647	-0.1635	0.1681	-3.316	-132.958
11.0	0.0894	-0.0898	1.792	70.862	-0.1639	0.1684	-3.323	-129.642
11.5	0.0897	-0.0896	1.793	69.070	-0.1641	0.1690	-3.331	-126.319
12.0	0.0893	-0.0894	1.787	67.277	-0.1642	0.1687	-3.329	-122.988
12.5	0.0792	-0.0807	1.599	65.490	-0.1662	0.1703	-3.365	-119.659
13.0	0.0804	-0.0804	1.608	63.891	-0.1642	0.1690	-3.332	-116.294
13.5	0.0810	-0.0813	1.623	62.283	-0.1621	0.1686	-3.287	-112.962
14.0	0.0837	-0.0837	1.674	60.660	-0.1599	0.1647	-3.246	-109.675
14.5	0.0848	-0.0853	1.701	58.986	-0.1575	0.1620	-3.195	-106.429
15.0	0.0864	-0.0873	1.737	57.235	-0.1565	0.1602	-3.157	-103.234
15.5	0.0850	-0.0851	1.701	55.548	-0.1566	0.1598	-3.154	-100.077
16.0	0.0866	-0.0869	1.735	53.847	-0.1545	0.1593	-3.138	-96.923
16.5	0.0862	-0.0884	1.766	52.112	-0.1537	0.1582	-3.119	-93.785
17.0	0.0897	-0.0901	1.798	50.346	-0.1524	0.1569	-3.093	-90.666
17.5	0.0898	-0.0899	1.797	48.548	-0.1541	0.1586	-3.127	-87.573
18.0	0.0912	-0.0913	1.825	46.751	-0.1565	0.1573	-3.138	-84.446
18.5	0.0813	-0.0922	1.735	44.926	-0.1504	0.1573	-3.077	-81.308
19.0	0.0899	-0.0901	1.800	43.191	-0.1535	0.1579	-3.114	-78.231
19.5	0.0899	-0.0903	1.802	41.391	-0.1533	0.1576	-3.109	-75.117
20.0	0.0900	-0.0901	1.801	39.589	-0.1535	0.1580	-3.115	-72.008
20.5	0.0914	-0.0916	1.830	37.788	-0.1514	0.1557	-3.071	-68.893
21.0	0.0922	-0.0923	1.845	35.958	-0.1509	0.1553	-3.062	-65.822
21.5	0.0922	-0.0927	1.849	34.113	-0.1597	0.1634	-3.231	-62.760
22.0	0.0935	-0.0937	1.872	32.264	-0.1593	0.1641	-3.239	-59.529
22.5	0.0928	-0.0927	1.855	30.392	-0.1617	0.1660	-3.277	-56.290
23.0	0.0920	-0.0923	1.843	28.537	-0.1637	0.1677	-3.314	-53.013
23.5	0.0930	-0.0931	1.861	26.694	-0.1632	0.1676	-3.308	-49.699
24.0	0.0926	-0.0942	1.868	24.833	-0.1623	0.1669	-3.292	-46.391
24.5	0.0946	-0.0964	1.910	22.965	-0.1733	0.1762	-3.495	-43.099
25.0	0.0971	-0.0968	1.939	21.055	-0.1712	0.1755	-3.467	-39.604
25.5	0.0991	-0.0992	1.983	19.116	-0.1696	0.1737	-3.433	-36.137
26.0	0.0987	-0.0987	1.974	17.133	-0.1709	0.1751	-3.460	-32.704
26.5	0.0990	-0.0982	1.962	15.159	-0.1722	0.1763	-3.455	-29.244
27.0	0.0977	-0.0978	1.955	13.197	-0.1742	0.1769	-3.511	-25.759
27.5	0.0952	-0.0948	1.900	11.242	-0.1814	0.1861	-3.675	-22.248
28.0	0.0936	-0.0936	1.872	9.342	-0.1807	0.1843	-3.650	-18.573
28.5	0.0943	-0.0941	1.884	7.470	-0.1795	0.1832	-3.625	-14.923
29.0	0.0942	-0.0942	1.884	5.586	-0.1824	0.1860	-3.684	-11.298
29.5	0.0930	-0.0931	1.861	3.702	-0.1868	0.1904	-3.772	-7.614
30.0	0.0918	-0.0923	1.841	1.841	-0.1903	0.1939	-3.842	-3.842

CALCULATION SHEET FOR INCLINOMETER

V-2 : B axis DATE : Oct. 26, 1989

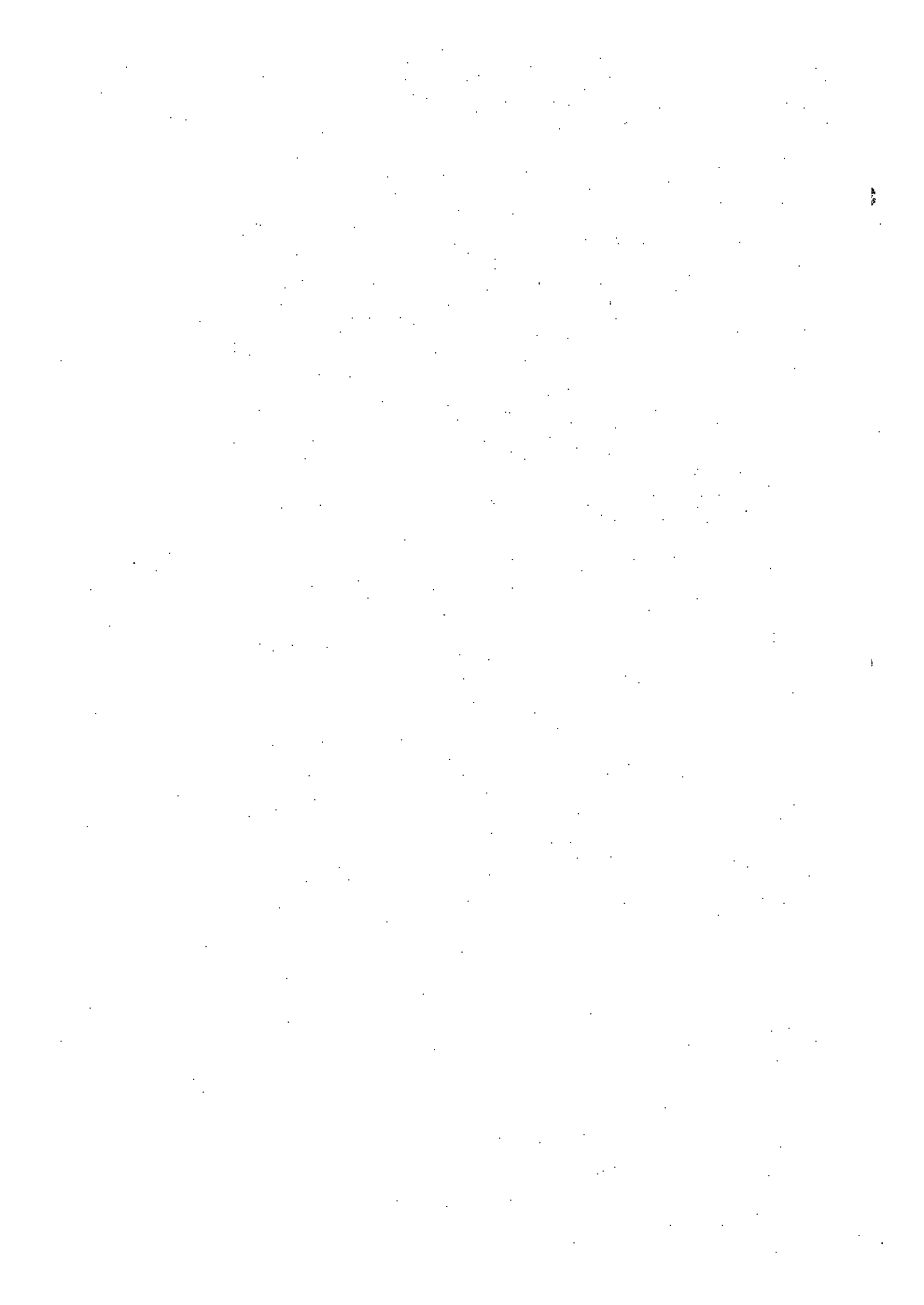
DEPTH	B(I) Sep. 19, 1989	T/B(I)	B(O) Oct. 26, 1989	B(180)	B(n)	T/E(n)	T/E(n) -T/B(I)	B(n) -B(I)
0.5	-2.749	-195.799	-0.1326	0.1379	-2.705	-194.750	1.049	0.044
1.0	-2.637	-193.050	-0.1266	0.1330	-2.596	-192.045	1.005	0.041
1.5	-2.677	-190.413	-0.1272	0.1336	-2.608	-189.449	0.964	0.069
2.0	-2.764	-187.736	-0.1339	0.1400	-2.739	-186.841	0.895	0.025
2.5	-2.797	-184.972	-0.1358	0.1421	-2.779	-184.102	0.870	0.018
3.0	-2.838	-182.175	-0.1378	0.1440	-2.818	-181.323	0.852	0.020
3.5	-3.055	-179.337	-0.1470	0.1526	-2.996	-178.505	0.832	0.059
4.0	-3.091	-176.282	-0.1496	0.1558	-3.054	-175.509	0.773	0.037
4.5	-3.133	-173.191	-0.1523	0.1585	-3.108	-172.455	0.736	0.025
5.0	-3.157	-170.059	-0.1539	0.1602	-3.141	-169.347	0.711	0.016
5.5	-3.175	-166.901	-0.1548	0.1611	-3.159	-166.206	0.695	0.016
6.0	-3.254	-163.726	-0.1580	0.1622	-3.182	-163.047	0.679	0.172
6.5	-3.460	-160.372	-0.1679	0.1727	-3.406	-159.865	0.507	0.054
7.0	-3.471	-156.912	-0.1698	0.1761	-3.459	-156.459	0.453	0.012
7.5	-3.481	-153.441	-0.1707	0.1770	-3.477	-153.000	0.441	0.004
8.0	-3.465	-149.960	-0.1698	0.1761	-3.459	-149.523	0.437	0.006
8.5	-3.463	-146.495	-0.1695	0.1759	-3.454	-146.064	0.431	0.009
9.0	-3.424	-143.032	-0.1686	0.1753	-3.439	-142.610	0.422	-0.015
9.5	-3.325	-139.608	-0.1629	0.1692	-3.321	-139.171	0.437	0.004
10.0	-3.325	-136.283	-0.1628	0.1693	-3.321	-135.850	0.433	0.004
10.5	-3.316	-132.958	-0.1622	0.1684	-3.306	-132.529	0.429	0.010
11.0	-3.323	-129.642	-0.1624	0.1687	-3.311	-129.223	0.419	0.012
11.5	-3.331	-126.319	-0.1628	0.1693	-3.321	-125.912	0.407	0.010
12.0	-3.329	-122.988	-0.1634	0.1697	-3.331	-122.591	0.397	-0.002
12.5	-3.365	-119.659	-0.1637	0.1703	-3.340	-119.260	0.399	0.025
13.0	-3.332	-116.294	-0.1631	0.1696	-3.327	-115.920	0.374	0.005
13.5	-3.287	-112.962	-0.1610	0.1674	-3.284	-112.593	0.369	0.003
14.0	-3.246	-109.675	-0.1590	0.1654	-3.244	-109.309	0.366	0.002
14.5	-3.195	-106.429	-0.1564	0.1628	-3.192	-106.065	0.364	0.003
15.0	-3.157	-103.234	-0.1547	0.1612	-3.159	-102.873	0.361	-0.002
15.5	-3.154	-100.077	-0.1538	0.1602	-3.140	-99.714	0.363	0.014
16.0	-3.138	-96.923	-0.1533	0.1599	-3.132	-96.574	0.349	0.006
16.5	-3.119	-93.785	-0.1524	0.1589	-3.113	-93.442	0.343	0.006
17.0	-3.093	-90.666	-0.1511	0.1575	-3.086	-90.329	0.337	0.007
17.5	-3.127	-87.573	-0.1519	0.1585	-3.104	-87.243	0.330	0.023
18.0	-3.138	-84.446	-0.1543	0.1599	-3.142	-84.139	0.307	-0.004
18.5	-3.077	-81.308	-0.1508	0.1570	-3.078	-80.997	0.311	-0.001
19.0	-3.114	-78.231	-0.1517	0.1583	-3.100	-77.919	0.312	0.014
19.5	-3.109	-75.117	-0.1520	0.1585	-3.105	-74.819	0.298	0.004
20.0	-3.115	-72.008	-0.1520	0.1585	-3.105	-71.714	0.294	0.010
20.5	-3.071	-68.893	-0.1502	0.1567	-3.069	-68.609	0.284	0.002
21.0	-3.062	-65.822	-0.1493	0.1561	-3.054	-65.540	0.282	0.008
21.5	-3.231	-62.760	-0.1564	0.1626	-3.190	-62.486	0.274	0.041
22.0	-3.239	-59.529	-0.1582	0.1648	-3.230	-59.296	0.233	0.009
22.5	-3.277	-56.290	-0.1596	0.1662	-3.258	-56.066	0.224	0.019
23.0	-3.314	-53.013	-0.1619	0.1684	-3.303	-52.808	0.205	0.011
23.5	-3.308	-49.699	-0.1618	0.1684	-3.302	-49.505	0.194	0.006
24.0	-3.292	-46.391	-0.1612	0.1675	-3.287	-46.203	0.188	0.005
24.5	-3.495	-43.099	-0.1687	0.1748	-3.435	-42.916	0.183	0.060
25.0	-3.467	-39.604	-0.1703	0.1769	-3.472	-39.481	0.123	-0.005
25.5	-3.433	-36.137	-0.1677	0.1742	-3.419	-36.009	0.128	0.014
26.0	-3.460	-32.704	-0.1689	0.1756	-3.445	-32.590	0.114	0.015
26.5	-3.485	-29.244	-0.1700	0.1767	-3.467	-29.145	0.099	0.018
27.0	-3.511	-25.759	-0.1719	0.1786	-3.505	-25.678	0.081	0.006
27.5	-3.675	-22.248	-0.1790	0.1849	-3.639	-22.173	0.075	0.036
28.0	-3.650	-18.573	-0.1790	0.1856	-3.646	-18.534	0.039	0.004
28.5	-3.625	-14.923	-0.1771	0.1877	-3.648	-14.888	0.035	-0.023
29.0	-3.684	-11.298	-0.1798	0.1863	-3.661	-11.240	0.058	0.023
29.5	-3.772	-7.614	-0.1838	0.1907	-3.745	-7.579	0.035	0.027
30.0	-3.842	-3.842	-0.1853	0.1951	-3.834	-3.834	0.008	0.008



CALCULATION SHEET FOR INCLINOMETER

V-2 : B axis DATE : Nov. 21, 1989

DEPTH	B(I)	T/B(I)	B(O)	E(180)	B(n)	T/E(n)	T/E(n)	P(n)
	Sep. 19, 1989		Nov. 21, 1989				-T/B(I)	-B(I)
0.5	-2.749	-195.799	-0.1384	0.1425	-2.809	-194.457	1.342	-0.060
1.0	-2.637	-193.050	-0.1284	0.1333	-2.617	-191.648	1.402	0.020
1.5	-2.677	-190.413	-0.1249	0.1297	-2.546	-189.031	1.382	0.131
2.0	-2.764	-187.736	-0.1329	0.1376	-2.705	-186.485	1.251	0.059
2.5	-2.797	-184.972	-0.1362	0.1408	-2.770	-183.780	1.192	0.027
3.0	-2.838	-182.175	-0.1383	0.1431	-2.814	-181.010	1.165	0.024
3.5	-3.055	-179.337	-0.1470	0.1515	-2.985	-178.196	1.141	0.070
4.0	-3.091	-176.282	-0.1499	0.1546	-3.045	-175.211	1.071	0.046
4.5	-3.133	-173.191	-0.1526	0.1575	-3.101	-172.166	1.025	0.032
5.0	-3.157	-170.058	-0.1545	0.1591	-3.136	-169.065	0.993	0.021
5.5	-3.175	-166.901	-0.1554	0.1604	-3.158	-165.929	0.972	0.017
6.0	-3.354	-163.726	-0.1564	0.1609	-3.173	-162.771	0.955	0.181
6.5	-3.460	-160.372	-0.1679	0.1713	-3.392	-159.598	0.774	0.068
7.0	-3.471	-156.912	-0.1702	0.1751	-3.453	-156.206	0.706	0.018
7.5	-3.481	-153.441	-0.1712	0.1759	-3.471	-152.753	0.688	0.010
8.0	-3.465	-149.960	-0.1702	0.1757	-3.459	-149.282	0.678	0.006
8.5	-3.463	-146.495	-0.1700	0.1747	-3.447	-145.823	0.672	0.016
9.0	-3.424	-143.032	-0.1693	0.1744	-3.437	-142.376	0.656	-0.013
9.5	-3.325	-139.608	-0.1631	0.1681	-3.312	-138.939	0.669	0.013
10.0	-3.325	-136.283	-0.1634	0.1682	-3.316	-135.627	0.658	0.009
10.5	-3.316	-132.958	-0.1627	0.1676	-3.303	-132.311	0.647	0.013
11.0	-3.323	-129.642	-0.1629	0.1675	-3.304	-129.008	0.634	0.019
11.5	-3.331	-126.319	-0.1632	0.1679	-3.311	-125.704	0.615	0.020
12.0	-3.329	-122.988	-0.1640	0.1687	-3.327	-122.393	0.595	0.002
12.5	-3.365	-119.659	-0.1641	0.1688	-3.329	-119.066	0.593	0.036
13.0	-3.332	-116.294	-0.1637	0.1687	-3.324	-115.737	0.557	0.008
13.5	-3.287	-112.962	-0.1619	0.1664	-3.283	-112.413	0.549	0.004
14.0	-3.243	-109.675	-0.1596	0.1645	-3.241	-109.130	0.545	0.005
14.5	-3.195	-106.429	-0.1571	0.1617	-3.188	-105.889	0.540	0.007
15.0	-3.157	-103.234	-0.1551	0.1600	-3.151	-102.701	0.533	0.006
15.5	-3.154	-100.077	-0.1544	0.1593	-3.137	-99.550	0.527	0.017
16.0	-3.138	-96.923	-0.1541	0.1588	-3.129	-96.413	0.510	0.009
16.5	-3.119	-93.785	-0.1530	0.1579	-3.109	-93.284	0.501	0.010
17.0	-3.093	-90.666	-0.1517	0.1563	-3.080	-90.175	0.491	0.013
17.5	-3.127	-87.573	-0.1523	0.1573	-3.096	-87.095	0.478	0.031
18.0	-3.138	-84.446	-0.1547	0.1569	-3.136	-83.999	0.447	0.002
18.5	-3.077	-81.308	-0.1516	0.1560	-3.076	-80.863	0.445	0.001
19.0	-3.114	-78.231	-0.1524	0.1572	-3.096	-77.787	0.444	0.018
19.5	-3.109	-75.117	-0.1528	0.1574	-3.102	-74.691	0.426	0.007
20.0	-3.115	-72.008	-0.1526	0.1574	-3.100	-71.589	0.419	0.015
20.5	-3.071	-68.893	-0.1509	0.1557	-3.066	-68.489	0.404	0.005
21.0	-3.062	-65.822	-0.1502	0.1550	-3.052	-65.423	0.399	0.010
21.5	-3.231	-62.760	-0.1566	0.1611	-3.177	-62.371	0.389	0.054
22.0	-3.239	-59.529	-0.1590	0.1636	-3.226	-59.194	0.335	0.013
22.5	-3.277	-56.290	-0.1602	0.1651	-3.253	-55.968	0.322	0.024
23.0	-3.314	-53.013	-0.1628	0.1674	-3.302	-52.715	0.298	0.012
23.5	-3.308	-49.699	-0.1625	0.1672	-3.297	-49.413	0.286	0.011
24.0	-3.292	-46.391	-0.1618	0.1664	-3.282	-46.116	0.275	0.010
24.5	-3.495	-43.099	-0.1690	0.1744	-3.434	-42.834	0.265	0.061
25.0	-3.467	-39.504	-0.1711	0.1759	-3.470	-39.400	0.204	-0.003
25.5	-3.433	-36.137	-0.1684	0.1731	-3.415	-35.930	0.207	0.018
26.0	-3.460	-32.704	-0.1696	0.1745	-3.441	-32.515	0.189	0.019
26.5	-3.485	-29.244	-0.1707	0.1755	-3.462	-29.074	0.170	0.023
27.0	-3.511	-25.759	-0.1726	0.1774	-3.500	-25.612	0.147	0.011
27.5	-3.675	-22.248	-0.1797	0.1840	-3.637	-22.112	0.136	0.038
28.0	-3.650	-18.573	-0.1799	0.1845	-3.644	-18.475	0.098	0.006
28.5	-3.625	-14.923	-0.1778	0.1828	-3.606	-14.831	0.092	0.019
29.0	-3.684	-11.298	-0.1805	0.1851	-3.656	-11.225	0.073	0.028
29.5	-3.772	-7.614	-0.1844	0.1894	-3.738	-7.569	0.045	0.034
30.0	-3.842	-3.842	-0.1891	0.1940	-3.831	-3.931	0.011	0.011



CALCULATION SHEET FOR INCLINOMETER

V-2 : B axis

DATE : Dec. 21, 1989

DEPTH	B(I)	T/B(I)	B(0)	B(180)	E(n)	T/B(n)	T/B(n)	B(n)
	Sep. 19, 1989	1989	Dec. 21, 1989				-T/B(I)	-B(I)
0.5	-2.749	-195.739	-0.1439	0.1449	-2.868	-194.436	1.363	-0.119
1.0	-2.637	-193.050	-0.1331	0.1364	-2.695	-191.568	1.482	-0.058
1.5	-2.677	-190.413	-0.1257	0.1292	-2.549	-188.873	1.540	0.128
2.0	-2.764	-187.736	-0.1312	0.1346	-2.658	-186.324	1.412	0.106
2.5	-2.797	-184.972	-0.1344	0.1378	-2.722	-183.666	1.306	0.075
3.0	-2.838	-182.175	-0.1369	0.1403	-2.772	-180.944	1.231	0.066
3.5	-3.055	-179.337	-0.1464	0.1498	-2.962	-178.172	1.165	0.093
4.0	-3.091	-176.282	-0.1508	0.1543	-3.051	-175.210	1.072	0.040
4.5	-3.133	-173.191	-0.1535	0.1570	-3.105	-172.159	1.032	0.029
5.0	-3.157	-170.058	-0.1552	0.1587	-3.139	-169.054	1.004	0.018
5.5	-3.175	-166.901	-0.1561	0.1596	-3.157	-165.915	0.986	0.018
6.0	-3.354	-163.726	-0.1573	0.1605	-3.178	-162.758	0.968	0.176
6.5	-3.460	-160.372	-0.1685	0.1699	-3.384	-159.580	0.792	0.076
7.0	-3.471	-156.912	-0.1712	0.1744	-3.456	-156.196	0.716	0.015
7.5	-3.481	-153.441	-0.1719	0.1754	-3.473	-152.740	0.701	0.008
8.0	-3.465	-149.960	-0.1708	0.1742	-3.450	-149.267	0.693	0.015
8.5	-3.483	-146.495	-0.1708	0.1741	-3.449	-145.817	0.678	0.014
9.0	-3.424	-143.032	-0.1699	0.1736	-3.435	-142.368	0.664	-0.011
9.5	-3.325	-139.608	-0.1644	0.1679	-3.323	-138.933	0.675	0.002
10.0	-3.325	-136.283	-0.1640	0.1678	-3.318	-135.610	0.673	0.007
10.5	-3.316	-132.958	-0.1633	0.1669	-3.302	-132.292	0.566	0.014
11.0	-3.323	-129.642	-0.1634	0.1671	-3.305	-128.990	0.652	0.018
11.5	-3.331	-126.319	-0.1638	0.1674	-3.312	-125.685	0.634	0.019
12.0	-3.329	-122.988	-0.1648	0.1680	-3.328	-122.373	0.615	0.001
12.5	-3.365	-119.659	-0.1646	0.1681	-3.327	-119.045	0.614	0.038
13.0	-3.332	-116.294	-0.1645	0.1680	-3.325	-115.713	0.576	0.007
13.5	-3.287	-112.962	-0.1626	0.1662	-3.288	-112.393	0.569	-0.001
14.0	-3.246	-109.675	-0.1605	0.1640	-3.245	-109.105	0.570	0.001
14.5	-3.195	-106.429	-0.1579	0.1616	-3.195	-105.860	0.569	0.000
15.0	-3.157	-103.234	-0.1558	0.1594	-3.152	-102.665	0.569	0.005
15.5	-3.154	-100.077	-0.1551	0.1588	-3.139	-99.513	0.564	0.015
16.0	-3.138	-96.923	-0.1547	0.1584	-3.131	-96.374	0.549	0.007
16.5	-3.119	-93.785	-0.1537	0.1573	-3.110	-93.243	0.542	0.009
17.0	-3.093	-90.666	-0.1524	0.1561	-3.085	-90.133	0.533	0.008
17.5	-3.127	-87.573	-0.1526	0.1561	-3.087	-87.048	0.525	0.040
18.0	-3.138	-84.446	-0.1554	0.1584	-3.138	-83.961	0.485	0.000
18.5	-3.077	-81.398	-0.1524	0.1552	-3.076	-80.823	0.485	0.001
19.0	-3.114	-78.231	-0.1531	0.1565	-3.096	-77.747	0.484	0.018
19.5	-3.109	-75.117	-0.1534	0.1573	-3.107	-74.651	0.468	0.002
20.0	-3.115	-72.003	-0.1533	0.1567	-3.100	-71.544	0.464	0.015
20.5	-3.071	-68.893	-0.1519	0.1557	-3.076	-68.444	0.449	-0.005
21.0	-3.062	-65.822	-0.1506	0.1543	-3.049	-65.368	0.454	0.013
21.5	-3.231	-62.760	-0.1566	0.1598	-3.164	-62.319	0.441	0.067
22.0	-3.239	-59.529	-0.1593	0.1632	-3.225	-59.155	0.374	0.014
22.5	-3.277	-56.290	-0.1606	0.1641	-3.249	-55.930	0.360	0.028
23.0	-3.314	-53.013	-0.1634	0.1670	-3.304	-52.681	0.332	0.010
23.5	-3.308	-49.699	-0.1629	0.1668	-3.297	-49.377	0.322	0.011
24.0	-3.292	-46.391	-0.1624	0.1659	-3.283	-46.080	0.311	0.009
24.5	-3.495	-43.099	-0.1696	0.1729	-3.425	-42.797	0.302	0.070
25.0	-3.467	-39.604	-0.1723	0.1761	-3.484	-39.372	0.232	-0.017
25.5	-3.433	-36.137	-0.1690	0.1725	-3.415	-35.888	0.249	0.018
26.0	-3.460	-32.704	-0.1700	0.1736	-3.436	-32.473	0.231	0.024
26.5	-3.485	-29.244	-0.1713	0.1749	-3.462	-29.037	0.207	0.023
27.0	-3.511	-25.759	-0.1730	0.1765	-3.495	-25.575	0.184	0.016
27.5	-3.675	-22.248	-0.1794	0.1827	-3.621	-22.080	0.168	0.054
28.0	-3.650	-18.573	-0.1802	0.1842	-3.644	-18.459	0.114	0.006
28.5	-3.625	-14.923	-0.1785	0.1821	-3.606	-14.815	0.108	0.019
29.0	-3.684	-11.298	-0.1805	0.1843	-3.643	-11.209	0.089	0.036
29.5	-3.772	-7.614	-0.1845	0.1883	-3.723	-7.561	0.053	0.044
30.0	-3.842	-3.842	-0.1896	0.1937	-3.833	-3.833	0.009	0.009



CALCULATION SHEET FOR INCLINOMETER

V-2 : B axis DATE : Jan. 19, 1990

DEPTH	B(I) Sep. 19, 1989	T/B(I)	B(O) Jan. 19, 1990	E(180)	R(n)	T/B(n)	T/B(n) -T/B(I)	R(n) -R(I)
0.5	-2.749	-195.799	-0.1426	0.1448	-2.874	-195.070	0.729	-0.125
1.0	-2.637	-193.050	-0.1314	0.1341	-2.655	-192.196	0.854	-0.018
1.5	-2.677	-190.413	-0.1275	0.1297	-2.572	-189.541	0.872	0.105
2.0	-2.764	-187.736	-0.1336	0.1353	-2.689	-186.969	0.767	0.075
2.5	-2.797	-184.972	-0.1356	0.1374	-2.730	-184.280	0.692	0.067
3.0	-2.838	-182.175	-0.1385	0.1393	-2.778	-181.550	0.625	0.080
3.5	-3.055	-179.337	-0.1437	0.1521	-3.018	-178.772	0.565	0.037
4.0	-3.091	-176.282	-0.1526	0.1544	-3.070	-175.754	0.528	0.021
4.5	-3.133	-173.191	-0.1554	0.1573	-3.127	-172.684	0.507	0.006
5.0	-3.157	-170.058	-0.1568	0.1585	-3.153	-169.557	0.501	0.004
5.5	-3.175	-166.901	-0.1576	0.1596	-3.172	-166.404	0.497	0.003
6.0	-3.354	-163.726	-0.1576	0.1624	-3.200	-163.232	0.494	0.154
6.5	-3.460	-160.372	-0.1726	0.1727	-3.453	-160.032	0.340	0.007
7.0	-3.471	-156.912	-0.1722	0.1742	-3.464	-156.579	0.333	0.007
7.5	-3.481	-153.441	-0.1728	0.1746	-3.474	-153.115	0.326	0.007
8.0	-3.465	-149.960	-0.1719	0.1740	-3.459	-149.641	0.319	0.006
8.5	-3.463	-146.495	-0.1716	0.1736	-3.452	-146.182	0.313	0.011
9.0	-3.424	-143.032	-0.1706	0.1711	-3.417	-142.730	0.302	0.007
9.5	-3.325	-139.608	-0.1647	0.1670	-3.317	-139.313	0.295	0.008
10.0	-3.325	-136.283	-0.1651	0.1669	-3.320	-135.996	0.287	0.005
10.5	-3.316	-132.958	-0.1647	0.1665	-3.312	-132.676	0.282	0.004
11.0	-3.323	-129.642	-0.1649	0.1665	-3.314	-129.364	0.278	0.009
11.5	-3.331	-126.319	-0.1652	0.1671	-3.323	-126.050	0.269	0.008
12.0	-3.329	-122.988	-0.1650	0.1674	-3.324	-122.727	0.261	0.005
12.5	-3.365	-119.659	-0.1670	0.1681	-3.351	-119.403	0.256	0.014
13.0	-3.352	-116.294	-0.1651	0.1674	-3.325	-116.052	0.242	0.007
13.5	-3.287	-112.962	-0.1630	0.1649	-3.279	-112.727	0.235	0.008
14.0	-3.246	-109.575	-0.1609	0.1630	-3.239	-109.448	0.227	0.007
14.5	-3.195	-106.429	-0.1584	0.1605	-3.189	-106.209	0.220	0.006
15.0	-3.157	-103.254	-0.1564	0.1582	-3.146	-103.020	0.214	0.011
15.5	-3.154	-100.077	-0.1567	0.1585	-3.152	-99.874	0.203	0.002
16.0	-3.138	-96.923	-0.1557	0.1576	-3.133	-96.722	0.201	0.005
16.5	-3.119	-93.785	-0.1547	0.1567	-3.114	-93.589	0.196	0.005
17.0	-3.093	-90.666	-0.1531	0.1552	-3.083	-90.475	0.191	0.010
17.5	-3.127	-87.573	-0.1548	0.1566	-3.114	-87.392	0.181	0.013
18.0	-3.138	-84.446	-0.1573	0.1554	-3.127	-84.278	0.168	0.011
18.5	-3.077	-81.308	-0.1532	0.1550	-3.082	-81.151	0.157	-0.005
19.0	-3.114	-78.231	-0.1544	0.1565	-3.109	-78.069	0.152	0.005
19.5	-3.109	-75.117	-0.1543	0.1563	-3.106	-74.960	0.157	0.003
20.0	-3.115	-72.008	-0.1546	0.1565	-3.111	-71.854	0.154	0.004
20.5	-3.071	-68.893	-0.1522	0.1545	-3.067	-68.743	0.159	0.004
21.0	-3.062	-65.822	-0.1520	0.1539	-3.059	-65.676	0.146	0.003
21.5	-3.231	-62.760	-0.1596	0.1611	-3.207	-62.617	0.143	0.024
22.0	-3.239	-59.529	-0.1607	0.1627	-3.234	-59.410	0.119	0.005
22.5	-3.277	-56.290	-0.1627	0.1646	-3.273	-56.175	0.114	0.004
23.0	-3.314	-53.013	-0.1646	0.1666	-3.312	-52.903	0.110	0.002
23.5	-3.308	-49.699	-0.1642	0.1661	-3.303	-49.591	0.108	0.005
24.0	-3.292	-46.391	-0.1632	0.1653	-3.285	-46.288	0.103	0.007
24.5	-3.495	-43.089	-0.1730	0.1749	-3.479	-43.003	0.096	0.016
25.0	-3.467	-39.694	-0.1722	0.1745	-3.468	-39.524	0.080	-0.001
25.5	-3.433	-36.137	-0.1700	0.1724	-3.424	-36.056	0.081	0.009
26.0	-3.460	-32.704	-0.1717	0.1738	-3.455	-32.632	0.072	0.005
26.5	-3.485	-29.244	-0.1725	0.1749	-3.474	-29.177	0.067	0.011
27.0	-3.511	-25.759	-0.1745	0.1762	-3.507	-25.703	0.056	0.004
27.5	-3.675	-22.248	-0.1821	0.1840	-3.661	-22.196	0.052	0.014
28.0	-3.650	-18.573	-0.1811	0.1822	-3.643	-18.535	0.038	0.007
28.5	-3.625	-14.923	-0.1795	0.1819	-3.614	-14.892	0.031	0.011
29.0	-3.684	-11.298	-0.1826	0.1848	-3.674	-11.278	0.020	0.010
29.5	-3.772	-7.514	-0.1867	0.1890	-3.757	-7.604	0.010	0.015
30.0	-3.842	-3.842	-0.1912	0.1935	-3.847	-3.847	-0.005	-0.005



CALCULATION SHEET FOR INCLINOMETER

V-2 : B axis

Feb. 28, 1990

DEPTH	B(I) Sep. 19, 1989	T/B(I)	B(O) Feb. 28, 1990	T-B(180)	B(n)	T/B(n)	T/B(n) -T/B(I)	B(n) -B(I)
0.5	-2.749	-195.799	-0.1406	0.1407	-2.813	-194.640	1.159	-0.064
1.0	-2.637	-193.050	-0.1271	0.1293	-2.564	-191.827	1.223	0.073
1.5	-2.677	-190.413	-0.1258	0.1272	-2.530	-189.263	1.15	0.147
2.0	-2.764	-187.736	-0.1315	0.1323	-2.638	-186.733	1.003	0.126
2.5	-2.797	-184.972	-0.1334	0.1343	-2.677	-184.095	0.877	0.120
3.0	-2.838	-182.175	-0.1371	0.1371	-2.742	-181.418	0.757	0.096
3.5	-3.055	-179.337	-0.1500	0.1515	-3.015	-178.676	0.661	0.040
4.0	-3.091	-176.282	-0.1528	0.1537	-3.065	-175.661	0.621	0.026
4.5	-3.133	-173.191	-0.1558	0.1569	-3.127	-172.596	0.595	0.006
5.0	-3.157	-170.058	-0.1575	0.1585	-3.160	-169.469	0.589	-0.003
5.5	-3.175	-166.901	-0.1584	0.1593	-3.177	-166.309	0.592	-0.002
6.0	-3.354	-163.726	-0.1585	0.1622	-3.207	-163.132	0.594	0.147
6.5	-3.460	-160.372	-0.1735	0.1727	-3.462	-159.925	0.447	-0.002
7.0	-3.471	-156.912	-0.1724	0.1734	-3.458	-156.463	0.449	0.013
7.5	-3.481	-153.441	-0.1731	0.1738	-3.469	-153.005	0.436	0.012
8.0	-3.465	-149.960	-0.1720	0.1729	-3.449	-149.536	0.424	0.016
8.5	-3.463	-146.495	-0.1720	0.1728	-3.448	-146.087	0.408	0.015
9.0	-3.424	-143.032	-0.1710	0.1703	-3.413	-142.639	0.393	0.011
9.5	-3.325	-139.608	-0.1652	0.1665	-3.317	-139.226	0.382	0.008
10.0	-3.325	-136.283	-0.1655	0.1665	-3.320	-135.909	0.374	0.005
10.5	-3.316	-132.958	-0.1649	0.1659	-3.308	-132.589	0.369	0.008
11.0	-3.323	-129.642	-0.1653	0.1660	-3.313	-129.281	0.361	0.010
11.5	-3.331	-126.319	-0.1656	0.1665	-3.321	-125.968	0.351	0.010
12.0	-3.329	-122.958	-0.1653	0.1666	-3.319	-122.647	0.341	0.010
12.5	-3.365	-119.659	-0.1675	0.1675	-3.350	-119.328	0.331	0.015
13.0	-3.332	-116.294	-0.1653	0.1666	-3.319	-115.978	0.316	0.013
13.5	-3.287	-112.982	-0.1635	0.1641	-3.276	-112.659	0.303	0.011
14.0	-3.246	-109.675	-0.1612	0.1620	-3.232	-109.383	0.292	0.014
14.5	-3.195	-106.429	-0.1589	0.1596	-3.185	-106.151	0.278	0.010
15.0	-3.157	-103.234	-0.1569	0.1576	-3.145	-102.956	0.268	0.012
15.5	-3.154	-100.077	-0.1569	0.1576	-3.145	-99.821	0.256	0.009
16.0	-3.138	-96.923	-0.1560	0.1569	-3.129	-96.676	0.247	0.009
16.5	-3.119	-93.785	-0.1550	0.1560	-3.110	-93.547	0.238	0.009
17.0	-3.093	-90.666	-0.1539	0.1546	-3.084	-90.437	0.229	0.009
17.5	-3.127	-87.573	-0.1550	0.1558	-3.108	-87.353	0.220	0.019
18.0	-3.138	-84.448	-0.1578	0.1563	-3.141	-84.245	0.201	-0.003
18.5	-3.077	-81.308	-0.1531	0.1545	-3.076	-81.104	0.204	0.001
19.0	-3.114	-78.231	-0.1549	0.1559	-3.108	-78.029	0.203	0.006
19.5	-3.109	-75.117	-0.1549	0.1558	-3.107	-74.920	0.197	0.002
20.0	-3.115	-72.008	-0.1548	0.1557	-3.105	-71.813	0.195	0.010
20.5	-3.071	-68.893	-0.1528	0.1538	-3.066	-68.708	0.185	0.005
21.0	-3.062	-65.822	-0.1524	0.1532	-3.056	-65.642	0.180	0.006
21.5	-3.231	-62.760	-0.1602	0.1606	-3.203	-62.586	0.174	0.023
22.0	-3.239	-59.529	-0.1613	0.1620	-3.233	-59.378	0.151	0.006
22.5	-3.277	-56.290	-0.1627	0.1627	-3.264	-56.145	0.145	0.013
23.0	-3.314	-53.013	-0.1650	0.1659	-3.309	-52.881	0.132	0.005
23.5	-3.308	-49.699	-0.1645	0.1655	-3.300	-49.572	0.127	0.008
24.0	-3.292	-46.391	-0.1637	0.1646	-3.283	-46.272	0.119	0.009
24.5	-3.495	-43.099	-0.1736	0.1745	-3.481	-42.989	0.110	0.014
25.0	-3.467	-39.604	-0.1728	0.1739	-3.487	-39.508	0.096	0.000
25.5	-3.433	-36.137	-0.1706	0.1718	-3.424	-36.041	0.096	0.009
26.0	-3.460	-32.704	-0.1721	0.1732	-3.453	-32.617	0.087	0.007
26.5	-3.485	-29.244	-0.1730	0.1740	-3.470	-29.164	0.080	0.015
27.0	-3.511	-25.759	-0.1755	0.1752	-3.507	-25.694	0.065	0.004
27.5	-3.675	-22.248	-0.1825	0.1832	-3.657	-22.187	0.061	0.018
28.0	-3.650	-18.573	-0.1817	0.1826	-3.643	-18.530	0.043	0.007
28.5	-3.625	-14.923	-0.1801	0.1812	-3.613	-14.887	0.036	0.012
29.0	-3.684	-11.298	-0.1832	0.1839	-3.671	-11.274	0.024	0.013
29.5	-3.772	-7.614	-0.1873	0.1883	-3.756	-7.603	0.011	0.016
30.0	-3.842	-3.842	-0.1918	0.1929	-3.847	-3.847	-0.005	-0.005

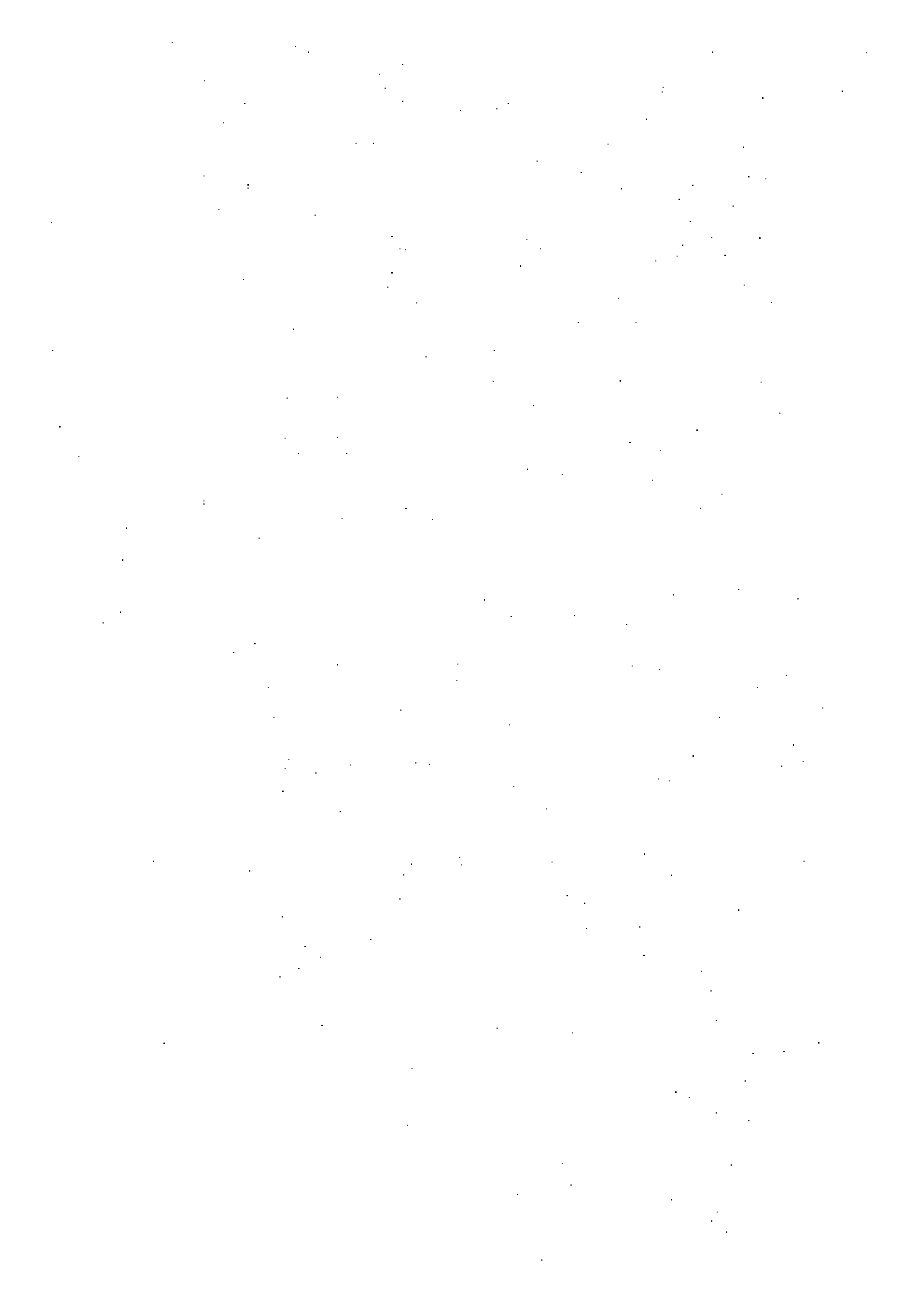


CALCULATION SHEET FOR INCLINOMETER

V-2 : B axis

DATE: MCH.21, 1990

DEPTH	B(I) Sep. 19, 1989	T/B(I)	B(0) Mch.21, 1990	T-B(180) 1990	B(n)	T/E(n)	T/B(n) -T/B(I)	B(n) -P(I)
0.5	-2.749	-195.799	-0.1289	0.1306	-2.595	-194.129	1.670	0.154
1.0	-2.537	-193.050	-0.1205	0.1229	-2.434	-191.534	1.516	0.203
1.5	-2.677	-190.413	-0.1237	0.1247	-2.484	-189.100	1.313	0.193
2.0	-2.764	-187.736	-0.1313	0.1320	-2.633	-186.616	1.12	0.131
2.5	-2.797	-184.972	-0.1329	0.1340	-2.669	-183.983	0.989	0.123
3.0	-2.838	-182.175	-0.1371	0.1361	-2.732	-181.314	0.861	0.106
3.5	-3.055	-179.337	-0.1500	0.1509	-3.009	-178.582	0.755	0.046
4.0	-3.091	-176.282	-0.1524	0.1534	-3.058	-175.573	0.709	0.033
4.5	-3.133	-173.191	-0.1559	0.1569	-3.128	-172.515	0.676	0.005
5.0	-3.157	-170.058	-0.1574	0.1566	-3.160	-169.387	0.671	-0.005
5.5	-3.175	-166.901	-0.1588	0.1589	-3.187	-166.227	0.674	-0.012
6.0	-3.354	-163.726	-0.1590	0.1628	-3.218	-163.040	0.686	0.136
6.5	-3.460	-160.372	-0.1743	0.1734	-3.477	-159.822	0.550	-0.017
7.0	-3.471	-156.912	-0.1728	0.1738	-3.466	-156.345	0.567	0.005
7.5	-3.481	-153.441	-0.1729	0.1739	-3.468	-152.879	0.562	0.013
8.0	-3.465	-149.960	-0.1719	0.1730	-3.449	-149.411	0.549	0.016
8.5	-3.463	-146.495	-0.1716	0.1727	-3.443	-145.862	0.533	0.020
9.0	-3.424	-143.032	-0.1714	0.1703	-3.417	-142.519	0.513	0.007
9.5	-3.325	-139.608	-0.1650	0.1665	-3.315	-139.102	0.506	0.010
10.0	-3.325	-136.283	-0.1651	0.1663	-3.314	-135.787	0.496	0.011
10.5	-3.316	-132.958	-0.1650	0.1659	-3.309	-132.473	0.485	0.007
11.0	-3.323	-129.642	-0.1649	0.1659	-3.308	-129.164	0.478	0.015
11.5	-3.331	-126.319	-0.1656	0.1662	-3.318	-125.858	0.463	0.013
12.0	-3.329	-122.938	-0.1654	0.1664	-3.318	-122.538	0.450	0.011
12.5	-3.365	-119.659	-0.1674	0.1677	-3.351	-119.220	0.439	0.014
13.0	-3.332	-116.294	-0.1655	0.1668	-3.323	-115.869	0.425	0.009
13.5	-3.287	-112.962	-0.1630	0.1644	-3.274	-112.546	0.416	0.013
14.0	-3.246	-109.675	-0.1613	0.1624	-3.237	-109.272	0.403	0.009
14.5	-3.195	-106.429	-0.1584	0.1599	-3.183	-106.035	0.394	0.012
15.0	-3.157	-103.234	-0.1568	0.1578	-3.146	-102.852	0.382	0.011
15.5	-3.154	-100.077	-0.1568	0.1579	-3.147	-99.706	0.371	0.007
16.0	-3.138	-96.923	-0.1559	0.1571	-3.130	-96.559	0.364	0.008
16.5	-3.119	-93.785	-0.1551	0.1562	-3.113	-93.429	0.356	0.006
17.0	-3.093	-90.666	-0.1535	0.1545	-3.030	-90.316	0.350	0.013
17.5	-3.127	-87.573	-0.1552	0.1554	-3.106	-87.236	0.337	0.021
18.0	-3.138	-84.446	-0.1576	0.1548	-3.124	-84.130	0.316	0.014
18.5	-3.077	-81.308	-0.1527	0.1554	-3.081	-81.008	0.302	-0.004
19.0	-3.114	-78.231	-0.1546	0.1559	-3.105	-77.925	0.306	0.009
19.5	-3.109	-75.117	-0.1549	0.1557	-3.106	-74.820	0.297	0.003
20.0	-3.115	-72.009	-0.1546	0.1561	-3.107	-71.714	0.294	0.008
20.5	-3.071	-68.893	-0.1530	0.1538	-3.068	-68.607	0.286	0.003
21.0	-3.062	-65.822	-0.1526	0.1530	-3.056	-65.539	0.283	0.006
21.5	-3.231	-62.763	-0.1593	0.1607	-3.200	-62.483	0.277	0.031
22.0	-3.239	-59.529	-0.1612	0.1620	-3.232	-59.283	0.246	0.007
22.5	-3.277	-56.290	-0.1625	0.1637	-3.262	-56.051	0.239	0.015
23.0	-3.314	-53.013	-0.1650	0.1657	-3.307	-52.789	0.224	0.007
23.5	-3.308	-49.699	-0.1643	0.1654	-3.297	-49.482	0.217	0.011
24.0	-3.292	-46.391	-0.1634	0.1644	-3.278	-46.185	0.206	0.014
24.5	-3.495	-43.093	-0.1723	0.1744	-3.467	-42.907	0.192	0.028
25.0	-3.467	-39.604	-0.1731	0.1738	-3.469	-39.440	0.184	-0.002
25.5	-3.433	-36.137	-0.1703	0.1713	-3.416	-35.971	0.166	0.017
26.0	-3.460	-32.704	-0.1718	0.1730	-3.448	-32.555	0.149	0.012
26.5	-3.435	-29.244	-0.1730	0.1738	-3.463	-29.107	0.137	0.017
27.0	-3.511	-25.759	-0.1749	0.1746	-3.495	-25.639	0.120	0.016
27.5	-3.675	-22.248	-0.1813	0.1831	-3.644	-22.144	0.104	0.031
28.0	-3.650	-18.573	-0.1816	0.1822	-3.629	-18.500	0.073	0.012
28.5	-3.625	-14.923	-0.1796	0.1810	-3.606	-14.862	0.061	0.019
29.0	-3.684	-11.298	-0.1826	0.1837	-3.663	-11.256	0.042	0.021
29.5	-3.772	-7.614	-0.1865	0.1880	-3.745	-7.593	0.021	0.027
30.0	-3.842	-3.842	-0.1920	0.1928	-3.848	-3.848	-0.005	-0.006



CALCULATION SHEET FOR INCLINOMETER

V-2 : B axis

DATE : APL. 24, 1990

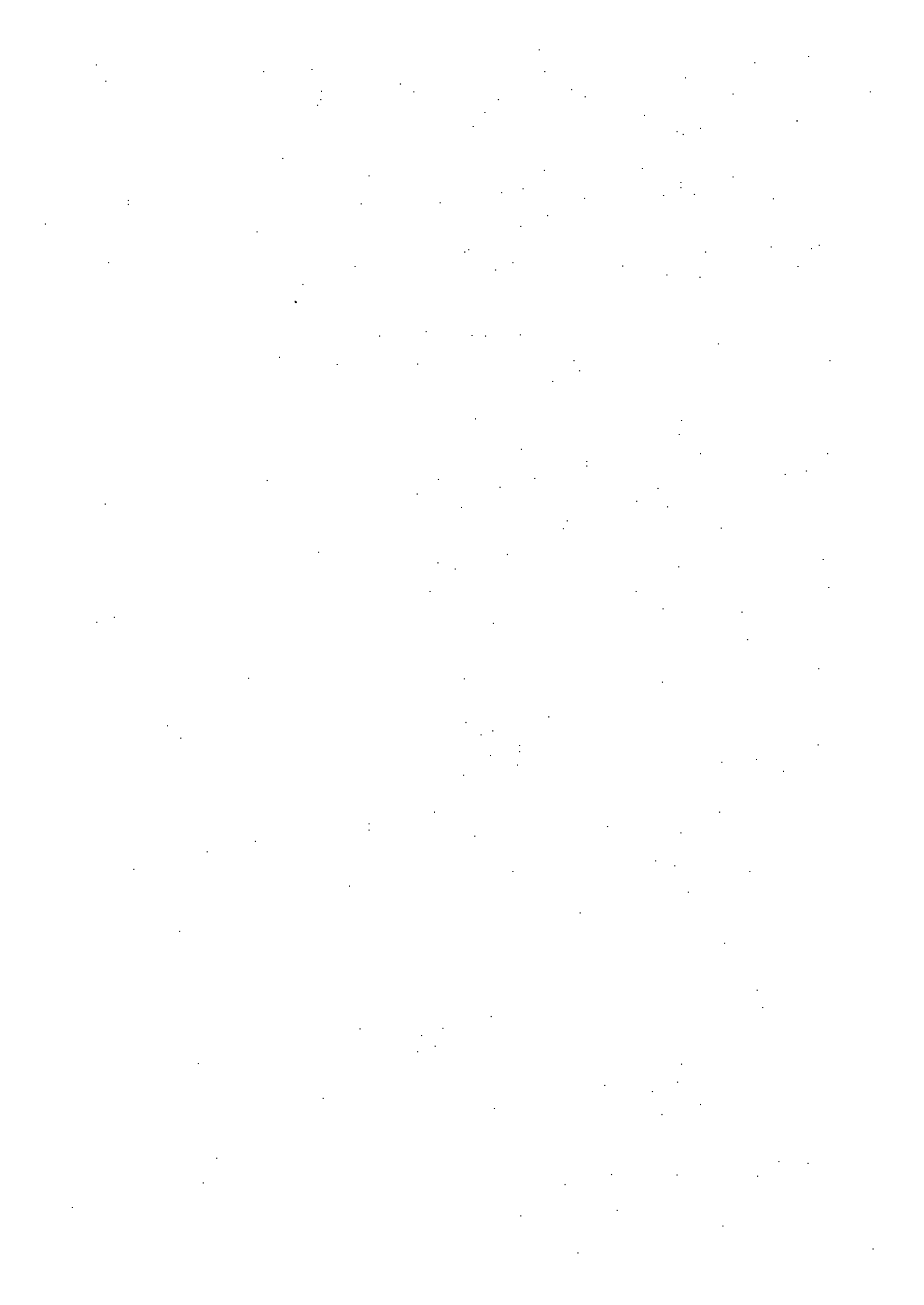
DEPTH	B(1)	T/B(1)	S(0)	B(180)	B(n)	T/B(n)	T/B(n)	S(n)
	Sep. 19, 1989		Apr. 24, 1990				-T/B(1)	-S(1)
0.5	-2.749	-195.799	-0.1226	0.1242	-2.468	-193.814	1.965	0.281
1.0	-2.637	-193.050	-0.1174	0.1191	-2.365	-191.549	1.704	0.272
1.5	-2.677	-193.415	-0.1207	0.1220	-2.427	-188.991	1.432	0.250
2.0	-2.764	-197.739	-0.1237	0.1301	-2.583	-186.584	1.192	0.176
2.5	-2.797	-184.972	-0.1321	0.1335	-2.656	-183.966	1.006	0.141
3.0	-2.838	-182.175	-0.1353	0.1367	-2.720	-181.310	0.865	0.118
3.5	-3.055	-179.337	-0.1478	0.1485	-2.963	-178.590	0.747	0.092
4.0	-3.091	-176.282	-0.1523	0.1537	-3.060	-175.627	0.655	0.081
4.5	-3.133	-173.191	-0.1556	0.1570	-3.126	-172.567	0.624	0.067
5.0	-3.157	-170.058	-0.1577	0.1592	-3.169	-169.441	0.617	-0.012
5.5	-3.175	-166.901	-0.1586	0.1602	-3.198	-166.272	0.629	-0.015
6.0	-3.254	-163.726	-0.1609	0.1613	-3.213	-163.084	0.642	-0.141
6.5	-3.460	-160.372	-0.1727	0.1732	-3.459	-159.871	0.501	0.001
7.0	-3.471	-156.812	-0.1727	0.1745	-3.472	-156.412	0.500	-0.001
7.5	-3.481	-153.441	-0.1731	0.1745	-3.476	-152.940	0.501	0.005
8.0	-3.465	-149.960	-0.1717	0.1734	-3.451	-149.464	0.496	0.014
8.5	-3.463	-146.495	-0.1718	0.1732	-3.450	-146.013	0.482	0.013
9.0	-3.424	-143.032	-0.1710	0.1729	-3.439	-142.562	0.469	-0.015
9.5	-3.325	-139.603	-0.1649	0.1668	-3.317	-139.124	0.484	0.008
10.0	-3.325	-136.283	-0.1654	0.1669	-3.323	-135.807	0.476	0.002
10.5	-3.316	-132.958	-0.1646	0.1662	-3.308	-132.484	0.474	0.008
11.0	-3.323	-129.642	-0.1648	0.1661	-3.309	-129.176	0.466	0.014
11.5	-3.331	-126.319	-0.1651	0.1665	-3.316	-125.867	0.452	0.015
12.0	-3.329	-122.988	-0.1658	0.1672	-3.330	-122.551	0.437	-0.001
12.5	-3.365	-119.859	-0.1682	0.1674	-3.336	-119.221	0.438	0.029
13.0	-3.332	-116.294	-0.1685	0.1671	-3.336	-115.885	0.409	-0.004
13.5	-3.287	-112.952	-0.1638	0.1652	-3.290	-112.549	0.413	-0.003
14.0	-3.246	-109.675	-0.1615	0.1632	-3.247	-109.259	0.416	-0.001
14.5	-3.195	-106.429	-0.1590	0.1608	-3.198	-106.012	0.417	-0.003
15.0	-3.157	-103.234	-0.1571	0.1587	-3.158	-102.814	0.420	-0.001
15.5	-3.154	-100.077	-0.1559	0.1577	-3.136	-99.656	0.421	0.016
16.0	-3.138	-96.923	-0.1562	0.1575	-3.137	-96.520	0.403	0.001
16.5	-3.119	-93.785	-0.1549	0.1566	-3.115	-93.383	0.402	0.004
17.0	-3.093	-90.666	-0.1537	0.1552	-3.089	-90.268	0.398	0.004
17.5	-3.127	-87.573	-0.1539	0.1538	-3.075	-87.179	0.394	0.052
18.0	-3.133	-84.446	-0.1565	0.1573	-3.135	-84.104	0.342	0.000
18.5	-3.077	-81.308	-0.1535	0.1549	-3.084	-80.986	0.342	-0.007
19.0	-3.114	-78.231	-0.1541	0.1557	-3.098	-77.882	0.349	0.016
19.5	-3.109	-75.117	-0.1540	0.1563	-3.112	-74.784	0.333	-0.003
20.0	-3.115	-72.008	-0.1545	0.1560	-3.105	-71.672	0.336	0.010
20.5	-3.071	-68.893	-0.1520	0.1545	-3.075	-68.567	0.326	-0.004
21.0	-3.062	-65.822	-0.1523	0.1535	-3.058	-65.492	0.330	0.004
21.5	-3.231	-62.760	-0.1533	0.1591	-3.174	-62.434	0.326	0.057
22.0	-3.239	-59.529	-0.1610	0.1623	-3.235	-59.260	0.269	0.066
22.5	-3.277	-56.290	-0.1619	0.1634	-3.253	-56.027	0.263	0.024
23.0	-3.314	-53.013	-0.1643	0.1661	-3.309	-52.772	0.239	0.005
23.5	-3.308	-49.899	-0.1644	0.1658	-3.302	-49.465	0.234	0.006
24.0	-3.292	-46.391	-0.1633	0.1648	-3.281	-46.163	0.228	0.011
24.5	-3.495	-43.099	-0.1712	0.1736	-3.450	-42.832	0.217	0.045
25.0	-3.467	-39.604	-0.1734	0.1751	-3.485	-39.432	0.172	-0.018
25.5	-3.433	-36.137	-0.1703	0.1717	-3.420	-35.947	0.190	0.013
26.0	-3.460	-32.704	-0.1716	0.1730	-3.446	-32.527	0.177	0.014
26.5	-3.485	-29.244	-0.1727	0.1741	-3.468	-29.081	0.163	0.017
27.0	-3.511	-25.759	-0.1741	0.1757	-3.498	-25.613	0.146	0.013
27.5	-3.675	-22.248	-0.1805	0.1820	-3.625	-22.115	0.133	0.050
28.0	-3.650	-18.573	-0.1818	0.1833	-3.651	-18.490	0.083	-0.001
28.5	-3.625	-14.923	-0.1795	0.1812	-3.607	-14.839	0.084	0.018
29.0	-3.684	-11.298	-0.1821	0.1834	-3.655	-11.232	0.066	0.029
29.5	-3.772	-7.614	-0.1858	0.1875	-3.733	-7.577	0.037	0.039
30.0	-3.842	-3.842	-0.1916	0.1928	-3.844	-3.844	-0.002	-0.002



CALCULATION SHEET FOR INCLINOMETER

V-2 : E axis DATE : MAY. 24, 1980

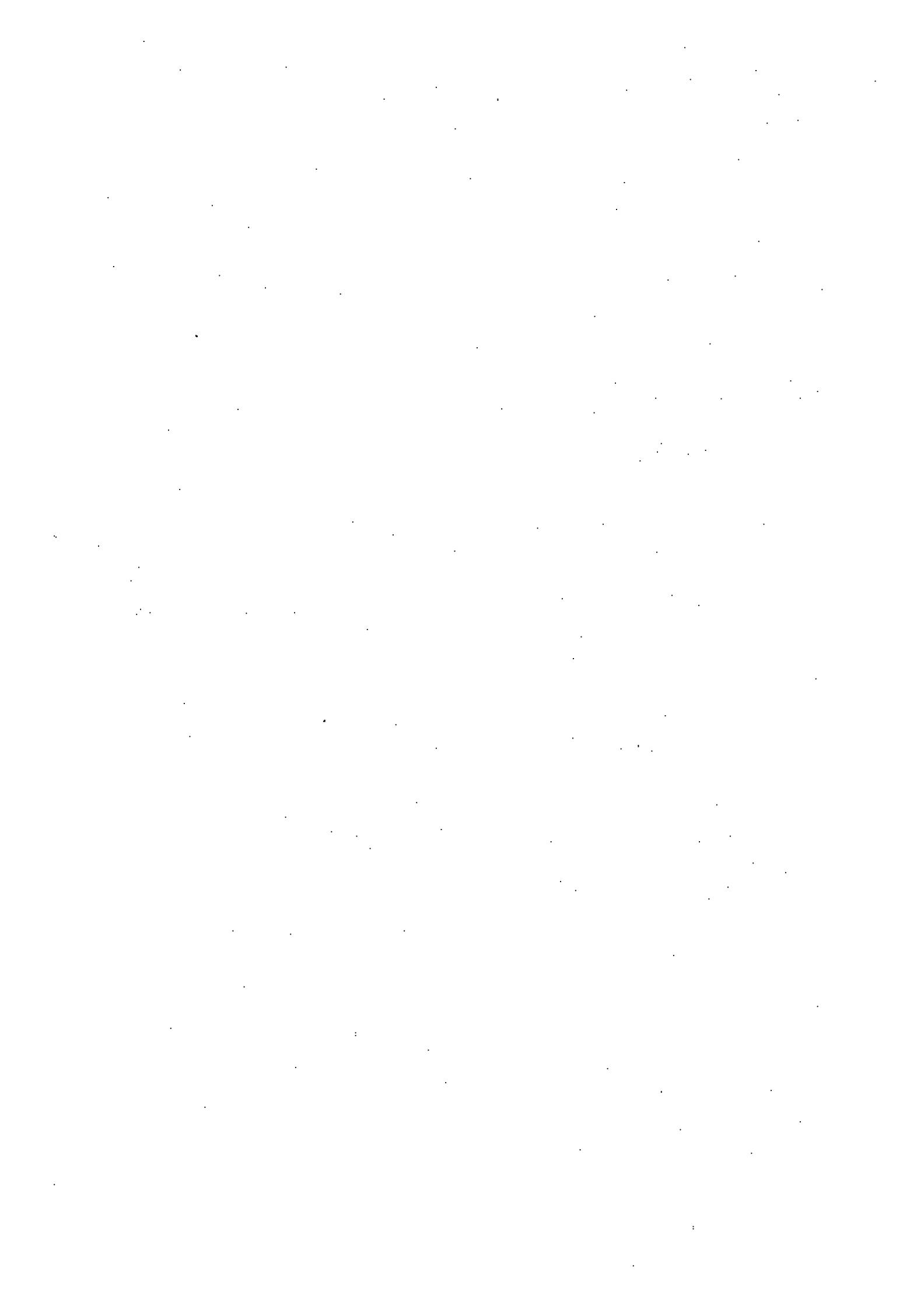
DEPTH	B(I) Sep. 19, 1989	T/E(I)	B(0) May. 24, 1980	B(180)	B(n)	T/E(n)	T/B(n) -T/B(I)	E(n) -E(I)
0.5	-2.749	-195.799	-0.1168	0.1183	-2.351	-193.911	1.988	0.398
1.0	-2.637	-193.050	-0.1125	0.1135	-2.260	-191.460	1.89	0.577
1.5	-2.677	-190.413	-0.1194	0.1203	-2.397	-189.200	1.213	0.280
2.0	-2.764	-187.736	-0.1296	0.1301	-2.597	-186.807	0.933	0.167
2.5	-2.797	-184.972	-0.1333	0.1337	-2.670	-184.206	0.736	0.127
3.0	-2.836	-182.175	-0.1367	0.1361	-2.728	-181.536	0.639	0.110
3.5	-3.055	-179.337	-0.1495	0.1504	-2.999	-178.808	0.529	0.056
4.0	-3.091	-176.282	-0.1528	0.1534	-3.062	-175.809	0.475	0.029
4.5	-3.133	-173.191	-0.1565	0.1571	-3.136	-172.747	0.444	-0.003
5.0	-3.157	-170.058	-0.1534	0.1590	-3.174	-169.611	0.447	-0.017
5.5	-3.175	-166.901	-0.1595	0.1602	-3.197	-166.437	0.464	-0.022
6.0	-3.354	-163.726	-0.1605	0.1637	-3.242	-163.240	0.436	0.112
6.5	-3.480	-160.372	-0.1759	0.1750	-3.509	-159.998	0.374	-0.049
7.0	-3.471	-156.912	-0.1735	0.1741	-3.476	-156.489	0.423	-0.005
7.5	-3.481	-153.441	-0.1732	0.1737	-3.469	-153.013	0.429	0.012
8.0	-3.485	-149.960	-0.1724	0.1729	-3.453	-149.544	0.416	0.012
8.5	-3.463	-146.495	-0.1722	0.1728	-3.450	-146.091	0.404	0.013
9.0	-3.424	-143.032	-0.1710	0.1703	-3.413	-142.641	0.391	0.011
9.5	-3.325	-139.606	-0.1654	0.1665	-3.319	-139.223	0.380	0.006
10.0	-3.325	-136.283	-0.1656	0.1663	-3.319	-135.939	0.374	0.006
10.5	-3.319	-132.958	-0.1652	0.1658	-3.310	-132.590	0.368	0.006
11.0	-3.323	-129.642	-0.1653	0.1658	-3.311	-129.280	0.362	0.012
11.5	-3.331	-126.319	-0.1657	0.1661	-3.310	-125.969	0.359	0.013
12.0	-3.329	-122.988	-0.1659	0.1664	-3.323	-122.651	0.337	0.006
12.5	-3.365	-119.659	-0.1676	0.1673	-3.349	-119.328	0.331	0.016
13.0	-3.332	-116.294	-0.1659	0.1664	-3.323	-115.979	0.315	0.009
13.5	-3.267	-112.962	-0.1637	0.1642	-3.279	-112.656	0.306	0.008
14.0	-3.246	-109.675	-0.1619	0.1622	-3.241	-109.377	0.298	0.005
14.5	-3.195	-106.429	-0.1594	0.1597	-3.191	-106.136	0.293	0.004
15.0	-3.157	-103.234	-0.1570	0.1572	-3.142	-102.945	0.289	0.015
15.5	-3.154	-100.077	-0.1569	0.1575	-3.144	-99.803	0.274	0.010
16.0	-3.138	-96.923	-0.1564	0.1568	-3.132	-96.658	0.264	0.006
16.5	-3.119	-93.785	-0.1557	0.1559	-3.116	-93.537	0.256	0.003
17.0	-3.093	-90.666	-0.1540	0.1544	-3.084	-90.411	0.255	0.009
17.5	-3.127	-87.573	-0.1533	0.1555	-3.108	-87.327	0.246	0.019
18.0	-3.138	-84.446	-0.1532	0.1547	-3.129	-84.219	0.227	0.009
18.5	-3.077	-81.308	-0.1539	0.1544	-3.083	-81.090	0.218	-0.006
19.0	-3.114	-78.231	-0.1553	0.1556	-3.109	-78.007	0.224	0.005
19.5	-3.103	-75.117	-0.1552	0.1556	-3.103	-74.898	0.219	0.001
20.0	-3.115	-72.008	-0.1555	0.1557	-3.112	-71.790	0.213	0.003
20.5	-3.071	-68.893	-0.1533	0.1536	-3.069	-68.678	0.215	0.002
21.0	-3.062	-65.822	-0.1526	0.1526	-3.054	-65.609	0.213	0.008
21.5	-3.231	-62.760	-0.1607	0.1599	-3.206	-62.555	0.205	0.025
22.0	-3.239	-59.529	-0.1613	0.1618	-3.231	-59.349	0.180	0.008
22.5	-3.277	-56.290	-0.1632	0.1633	-3.265	-56.113	0.172	0.012
23.0	-3.314	-53.013	-0.1653	0.1656	-3.309	-52.852	0.160	0.005
23.5	-3.308	-49.699	-0.1646	0.1652	-3.298	-49.544	0.155	0.010
24.0	-3.292	-46.391	-0.1638	0.1639	-3.277	-46.246	0.145	0.015
24.5	-3.495	-43.098	-0.1740	0.1737	-3.477	-42.969	0.130	0.018
25.0	-3.467	-39.804	-0.1734	0.1737	-3.471	-39.492	0.112	-0.004
25.5	-3.433	-36.137	-0.1738	0.1710	-3.418	-36.021	0.116	0.015
26.0	-3.460	-32.704	-0.1728	0.1727	-3.455	-32.603	0.101	0.005
26.5	-3.435	-29.244	-0.1733	0.1736	-3.469	-29.148	0.095	0.016
27.0	-3.511	-25.759	-0.1756	0.1753	-3.509	-25.679	0.080	0.002
27.5	-3.675	-22.243	-0.1827	0.1829	-3.656	-22.170	0.078	0.019
28.0	-3.650	-18.573	-0.1818	0.1821	-3.639	-18.514	0.059	0.011
28.5	-3.625	-14.923	-0.1907	0.1807	-3.614	-14.875	0.048	0.011
29.0	-3.684	-11.293	-0.1832	0.1834	-3.666	-11.261	0.037	0.016
29.5	-3.772	-7.614	-0.1872	0.1877	-3.749	-7.595	0.019	0.023
30.0	-3.842	-3.842	-0.1821	0.1825	-3.846	-3.846	-0.004	-0.004



CALCULATION SHEET FOR INCLINOMETER

V-2 : B axis DATE : JUNE. 19, 1990

DEPTH	B(I) Sep. 19, 1989	T/E(I)	B(O) June. 19, 1990	E(180)	B(n)	T/E(n)	T/E(n) -T/E(I)	E(n) -E(I)
0.5	-2.749	-195.799	-0.1180	0.1190	-2.370	-193.660	2.139	0.379
1.0	-2.637	-193.050	-0.1138	0.1146	-2.284	-191.290	1.76	0.355
1.5	-2.377	-190.413	-0.1199	0.1200	-2.399	-189.005	1.407	0.278
2.0	-2.764	-187.736	-0.1288	0.1288	-2.576	-186.607	1.129	0.188
2.5	-2.797	-184.972	-0.1326	0.1328	-2.654	-184.031	0.941	0.143
3.0	-2.338	-182.175	-0.1362	0.1357	-2.719	-181.377	0.793	0.119
3.5	-3.055	-179.337	-0.1434	0.1500	-2.994	-178.653	0.679	0.061
4.0	-3.091	-176.282	-0.1528	0.1532	-3.060	-175.664	0.618	0.031
4.5	-3.133	-173.191	-0.1568	0.1569	-3.137	-172.604	0.527	-0.504
5.0	-3.157	-170.058	-0.1583	0.1587	-3.170	-169.467	0.591	-0.013
5.5	-3.175	-166.901	-0.1596	0.1598	-3.194	-166.297	0.604	-0.019
6.0	-3.354	-163.726	-0.1608	0.1638	-3.246	-163.103	0.820	0.108
6.5	-3.460	-160.372	-0.1763	0.1750	-3.513	-159.857	0.515	-0.053
7.0	-3.471	-155.912	-0.1736	0.1737	-3.473	-156.344	0.563	-0.002
7.5	-3.481	-153.441	-0.1732	0.1736	-3.468	-152.871	0.570	0.013
8.0	-3.465	-149.960	-0.1725	0.1726	-3.451	-149.403	0.527	0.014
8.5	-3.463	-146.495	-0.1722	0.1724	-3.446	-145.952	0.543	0.017
9.0	-3.424	-143.032	-0.1711	0.1701	-3.412	-142.506	0.526	0.012
9.5	-3.325	-139.608	-0.1652	0.1658	-3.310	-139.094	0.514	0.015
10.0	-3.325	-136.283	-0.1655	0.1659	-3.314	-135.784	0.499	0.011
10.5	-3.316	-132.958	-0.1652	0.1654	-3.306	-132.470	0.488	0.010
11.0	-3.323	-129.642	-0.1652	0.1653	-3.305	-129.164	0.478	0.018
11.5	-3.331	-125.319	-0.1656	0.1660	-3.316	-125.859	0.460	0.015
12.0	-3.329	-122.968	-0.1659	0.1662	-3.321	-122.543	0.445	0.008
12.5	-3.365	-119.659	-0.1674	0.1670	-3.344	-119.222	0.437	0.021
13.0	-3.332	-116.294	-0.1658	0.1662	-3.320	-115.878	0.416	0.012
13.5	-3.287	-112.962	-0.1636	0.1638	-3.274	-112.553	0.404	0.013
14.0	-3.246	-109.675	-0.1616	0.1619	-3.255	-109.294	0.391	0.011
14.5	-3.195	-106.429	-0.1591	0.1593	-3.184	-106.043	0.360	0.011
15.0	-3.157	-103.234	-0.1569	0.1563	-3.137	-102.865	0.369	0.020
15.5	-3.154	-100.077	-0.1572	0.1572	-3.144	-99.726	0.349	0.010
16.0	-3.138	-96.923	-0.1562	0.1565	-3.127	-96.584	0.339	0.011
16.5	-3.119	-93.785	-0.1554	0.1556	-3.110	-93.457	0.328	0.009
17.0	-3.093	-90.666	-0.1539	0.1540	-3.078	-90.347	0.319	0.014
17.5	-3.127	-87.573	-0.1552	0.1553	-3.105	-87.263	0.305	0.022
18.0	-3.136	-84.446	-0.1580	0.1547	-3.127	-84.163	0.283	0.011
18.5	-3.077	-81.308	-0.1523	0.1549	-3.072	-81.036	0.272	0.005
19.0	-3.114	-78.231	-0.1550	0.1555	-3.106	-77.984	0.267	0.003
19.5	-3.103	-75.117	-0.1549	0.1553	-3.102	-74.859	0.258	0.007
20.0	-3.115	-72.008	-0.1553	0.1553	-3.106	-71.757	0.251	0.009
20.5	-3.071	-68.893	-0.1520	0.1534	-3.064	-68.651	0.242	0.007
21.0	-3.062	-65.823	-0.1527	0.1526	-3.053	-65.587	0.235	0.009
21.5	-3.231	-62.750	-0.1606	0.1600	-3.206	-62.534	0.226	0.025
22.0	-3.239	-59.623	-0.1614	0.1616	-3.230	-59.328	0.201	0.009
22.5	-3.277	-56.490	-0.1630	0.1632	-3.262	-56.098	0.192	0.015
23.0	-3.314	-53.313	-0.1651	0.1653	-3.304	-52.836	0.177	0.010
23.5	-3.308	-49.699	-0.1645	0.1648	-3.293	-49.532	0.167	0.015
24.0	-3.292	-46.391	-0.1636	0.1639	-3.275	-46.239	0.152	0.017
24.5	-3.495	-43.029	-0.1737	0.1743	-3.480	-42.964	0.135	0.015
25.0	-3.467	-39.604	-0.1733	0.1735	-3.468	-39.494	0.120	-0.001
25.5	-3.433	-36.137	-0.1706	0.1711	-3.417	-36.016	0.121	0.016
26.0	-3.460	-32.704	-0.1725	0.1723	-3.451	-32.599	0.105	0.009
26.5	-3.485	-29.244	-0.1733	0.1736	-3.469	-29.145	0.096	0.016
27.0	-3.511	-25.759	-0.1752	0.1750	-3.502	-25.679	0.080	0.009
27.5	-3.675	-22.248	-0.1825	0.1825	-3.650	-22.177	0.071	0.025
28.0	-3.650	-18.573	-0.1819	0.1822	-3.641	-18.527	0.046	0.009
28.5	-3.625	-14.923	-0.1806	0.1807	-3.613	-14.886	0.037	0.012
29.0	-3.684	-11.293	-0.1834	0.1835	-3.669	-11.273	0.025	0.015
29.5	-3.772	-7.614	-0.1875	0.1878	-3.753	-7.604	0.010	0.019
30.0	-3.842	-3.842	-0.1924	0.1927	-3.851	-3.851	-0.009	-0.009



INITIAL READING OF INCLINOMETERS

HOLE No. V-4 DATE : Oct. 9, 1989

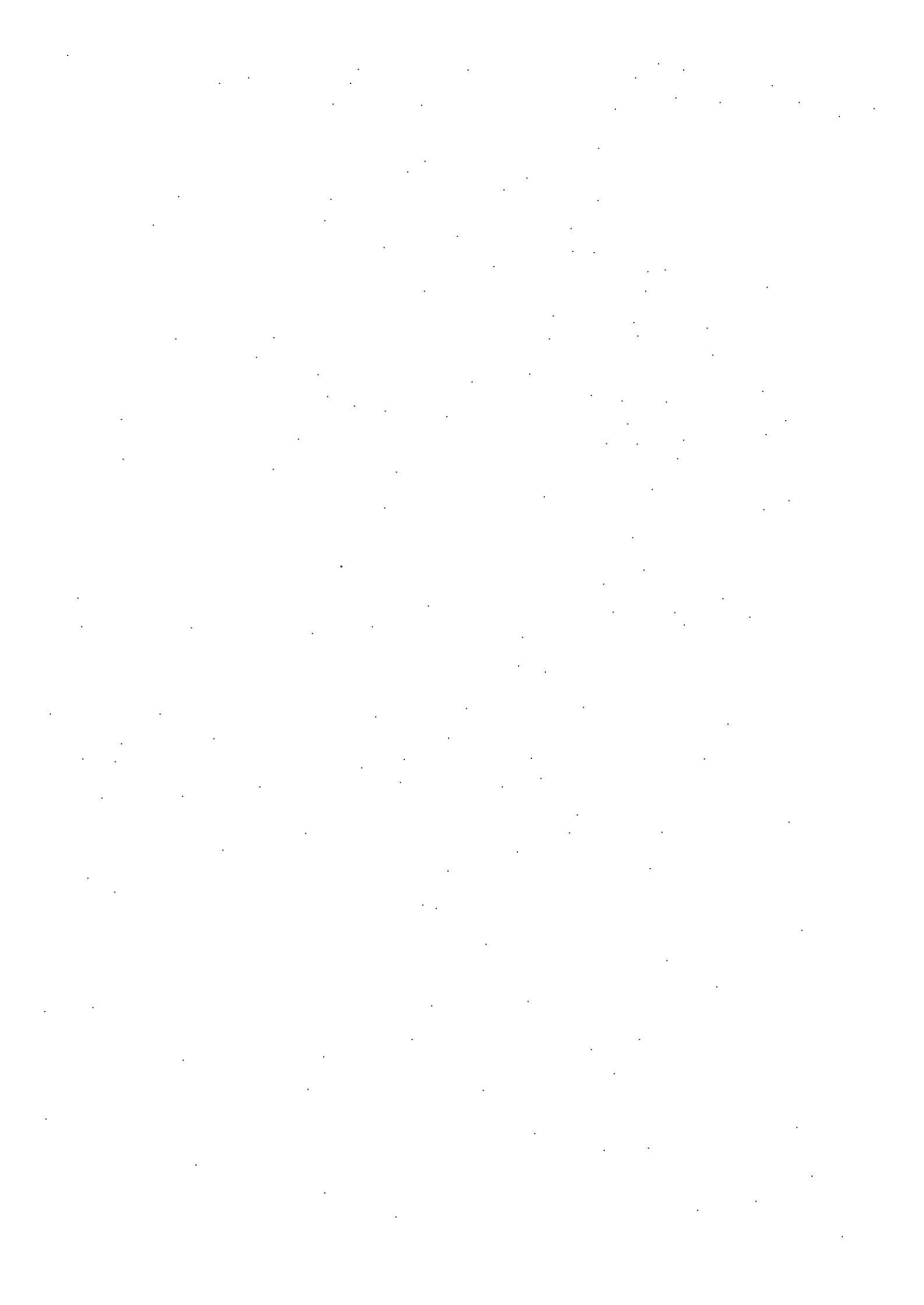
DEPTH (m)	A(0)	A(180)	A(I) (cm)	T/A(I)	B(0)	B(180)	B(I) (cm)	T/B(I)
0.5	0.0351	-0.0351	0.702	18.554	-0.0530	0.0578	-1.108	-50.001
1.0	0.0343	-0.0340	0.683	17.852	-0.0516	0.0562	-1.078	-48.893
1.5	0.0310	-0.0303	0.619	17.169	-0.0378	0.0422	-0.800	-47.815
2.0	0.0286	-0.0287	0.573	16.550	-0.0368	0.0416	-0.784	-47.015
2.5	0.0301	-0.0299	0.600	15.977	-0.0419	0.0467	-0.886	-46.231
3.0	0.0327	-0.0327	0.654	15.377	-0.0463	0.0512	-0.975	-45.345
3.5	0.0348	-0.0345	0.693	14.723	-0.0477	0.0526	-1.003	-44.370
4.0	0.0360	-0.0360	0.720	14.030	-0.0476	0.0526	-1.002	-43.367
4.5	0.0310	-0.0312	0.622	13.310	-0.0527	0.0574	-1.101	-42.365
5.0	0.0272	-0.0270	0.542	12.633	-0.0541	0.0587	-1.128	-41.264
5.5	0.0235	-0.0234	0.469	12.146	-0.0545	0.0594	-1.139	-40.136
6.0	0.0219	-0.0216	0.435	11.677	-0.0542	0.0590	-1.132	-38.997
6.5	0.0210	-0.0210	0.420	11.242	-0.0532	0.0580	-1.112	-37.865
7.0	0.0196	-0.0194	0.390	10.822	-0.0521	0.0569	-1.090	-36.753
7.5	0.0185	-0.0186	0.371	10.432	-0.0476	0.0518	-0.994	-35.663
8.0	0.0164	-0.0162	0.326	10.061	-0.0471	0.0519	-0.990	-34.669
8.5	0.0148	-0.0146	0.294	9.735	-0.0453	0.0500	-0.953	-33.679
9.0	0.0149	-0.0149	0.298	9.441	-0.0427	0.0476	-0.903	-32.726
9.5	0.0176	-0.0172	0.348	9.143	-0.0432	0.0479	-0.911	-31.823
10.0	0.0163	-0.0163	0.326	8.795	-0.0433	0.0481	-0.914	-30.912
10.5	0.0129	-0.0128	0.257	8.469	-0.0429	0.0473	-0.902	-29.998
11.0	0.0106	-0.0104	0.210	8.212	-0.0423	0.0474	-0.902	-29.096
11.5	0.0104	-0.0103	0.207	8.002	-0.0434	0.0481	-0.915	-28.194
12.0	0.0114	-0.0111	0.224	7.795	-0.0446	0.0492	-0.938	-27.279
12.5	0.0119	-0.0118	0.237	7.571	-0.0461	0.0507	-0.963	-26.341
13.0	0.0116	-0.0112	0.228	7.334	-0.0475	0.0521	-0.996	-25.373
13.5	0.0178	-0.0177	0.355	7.106	-0.0476	0.0523	-0.999	-24.377
14.0	0.0214	-0.0210	0.424	6.751	-0.0429	0.0476	-0.905	-23.378
14.5	0.0236	-0.0232	0.468	6.327	-0.0396	0.0441	-0.837	-22.473
15.0	0.0271	-0.0263	0.540	5.853	-0.0365	0.0411	-0.776	-21.636
15.5	0.0257	-0.0255	0.512	5.219	-0.0365	0.0409	-0.774	-20.860
16.0	0.0191	-0.0189	0.380	4.807	-0.0414	0.0460	-0.874	-20.086
16.5	0.0281	-0.0277	0.558	4.427	-0.0584	0.0630	-1.214	-19.212
17.0	0.0379	-0.0377	0.756	3.869	-0.0603	0.0648	-1.251	-17.998
17.5	0.0298	-0.0292	0.590	3.113	-0.0670	0.0717	-1.387	-16.747
18.0	0.0224	-0.0221	0.445	2.523	-0.0712	0.0756	-1.468	-15.360
18.5	0.0193	-0.0190	0.383	2.078	-0.0694	0.0739	-1.433	-13.892
19.0	0.0189	-0.0185	0.374	1.695	-0.0654	0.0698	-1.352	-12.459
19.5	0.0130	-0.0128	0.258	1.321	-0.0556	0.0598	-1.154	-11.107
20.0	0.0125	-0.0122	0.247	1.063	-0.0550	0.0595	-1.145	-9.953
20.5	0.0107	-0.0105	0.212	0.816	-0.0567	0.0611	-1.178	-8.808
21.0	0.0071	-0.0068	0.139	0.604	-0.0531	0.0575	-1.106	-7.630
21.5	0.0019	-0.0016	0.035	0.465	-0.0446	0.0491	-0.937	-6.524
22.0	0.0027	-0.0025	0.052	0.430	-0.0424	0.0470	-0.894	-5.587
22.5	0.0052	-0.0053	0.105	0.378	-0.0419	0.0455	-0.874	-4.693
23.0	0.0054	-0.0052	0.106	0.273	-0.0395	0.0438	-0.833	-3.819
23.5	0.0041	-0.0038	0.079	0.167	-0.0377	0.0421	-0.798	-2.986
24.0	0.0027	-0.0024	0.051	0.088	-0.0359	0.0403	-0.762	-2.188
24.5	0.0015	-0.0012	0.027	0.037	-0.0342	0.0386	-0.728	-1.426
25.0	0.0006	-0.0004	0.010	0.010	-0.0327	0.0371	-0.698	-0.698



CALCULATION SHEET FOR INCLINOMETER

V-4 : B axis DATE : Jan. 23, 1990

DEPTH	B(I)	T/B(I)	B(0)	B(180)	B(n)	T/B(n)	T/B(n)	B(n)-B(I)
	Oct. 9 1989		Jan. 23, 1990				-T/B(I)	
0.5	-1.108	-50.001	-0.0146	0.0159	-0.305	-49.430	0.571	0.803
1.0	-1.078	-48.893	-0.0490	0.0491	-0.981	-49.125	-0.232	0.097
1.5	-0.800	-47.815	-0.0450	0.0461	-0.911	-48.144	-0.329	-0.111
2.0	-0.784	-47.015	-0.0419	0.0437	-0.856	-47.233	-0.218	-0.072
2.5	-0.886	-46.231	-0.0429	0.0448	-0.877	-46.377	-0.146	0.009
3.0	-0.975	-45.345	-0.0444	0.0462	-0.906	-45.500	-0.155	0.069
3.5	-1.003	-44.370	-0.0463	0.0481	-0.944	-44.594	-0.224	0.059
4.0	-1.002	-43.367	-0.0487	0.0504	-0.991	-43.650	-0.283	0.011
4.5	-1.101	-42.365	-0.0557	0.0571	-1.128	-42.659	-0.294	-0.027
5.0	-1.128	-41.264	-0.0589	0.0603	-1.192	-41.531	-0.267	-0.064
5.5	-1.139	-40.136	-0.0597	0.0614	-1.211	-40.339	-0.203	-0.072
6.0	-1.132	-38.997	-0.0588	0.0603	-1.191	-39.128	-0.131	-0.059
6.5	-1.112	-37.865	-0.0569	0.0582	-1.151	-37.937	-0.072	-0.039
7.0	-1.090	-36.753	-0.0554	0.0558	-1.112	-36.785	-0.033	-0.022
7.5	-0.994	-35.663	-0.0499	0.0514	-1.013	-35.674	-0.011	-0.019
8.0	-0.990	-34.669	-0.0494	0.0515	-1.009	-34.661	0.008	-0.019
8.5	-0.953	-33.679	-0.0476	0.0497	-0.973	-33.652	0.027	-0.020
9.0	-0.903	-32.726	-0.0459	0.0479	-0.938	-32.679	0.047	-0.035
9.5	-0.911	-31.823	-0.0465	0.0482	-0.947	-31.741	0.082	-0.036
10.0	-0.914	-30.912	-0.0458	0.0472	-0.930	-30.794	0.113	-0.016
10.5	-0.902	-29.998	-0.0418	0.0437	-0.855	-29.864	0.134	0.047
11.0	-0.902	-29.096	-0.0426	0.0446	-0.872	-29.009	0.087	0.030
11.5	-0.915	-28.194	-0.0447	0.0463	-0.915	-28.137	0.057	0.000
12.0	-0.938	-27.279	-0.0468	0.0489	-0.957	-27.222	0.057	-0.019
12.5	-0.968	-26.341	-0.0477	0.0500	-0.977	-26.265	0.076	-0.009
13.0	-0.996	-25.373	-0.0480	0.0502	-0.982	-25.283	0.085	0.014
13.5	-0.999	-24.377	-0.0486	0.0510	-0.995	-24.306	0.071	0.003
14.0	-0.905	-23.378	-0.0443	0.0467	-0.910	-23.310	0.088	-0.005
14.5	-0.837	-22.473	-0.0407	0.0432	-0.839	-22.400	0.073	-0.002
15.0	-0.776	-21.636	-0.0375	0.0399	-0.774	-21.561	0.075	0.002
15.5	-0.774	-20.860	-0.0377	0.0398	-0.775	-20.787	0.073	-0.001
16.0	-0.874	-20.086	-0.0426	0.0453	-0.879	-20.012	0.074	-0.005
16.5	-1.214	-19.212	-0.0590	0.0618	-1.208	-19.133	0.079	0.006
17.0	-1.251	-17.998	-0.0613	0.0639	-1.252	-17.925	0.073	-0.001
17.5	-1.387	-16.747	-0.0680	0.0708	-1.388	-16.673	0.074	-0.001
18.0	-1.468	-15.360	-0.0724	0.0748	-1.472	-15.285	0.075	-0.004
18.5	-1.433	-13.892	-0.0703	0.0724	-1.427	-13.813	0.079	0.006
19.0	-1.352	-12.459	-0.0655	0.0673	-1.328	-12.386	0.073	0.024
19.5	-1.154	-11.107	-0.0556	0.0579	-1.135	-11.058	0.049	0.019
20.0	-1.145	-9.953	-0.0557	0.0583	-1.140	-9.923	0.03	0.005
20.5	-1.178	-8.808	-0.0582	0.0607	-1.189	-8.783	0.025	-0.011
21.0	-1.106	-7.630	-0.0538	0.0566	-1.104	-7.594	0.036	0.002
21.5	-0.937	-6.524	-0.0453	0.0481	-0.934	-6.490	0.034	0.003
22.0	-0.894	-5.537	-0.0435	0.0462	-0.897	-5.556	0.031	-0.003
22.5	-0.874	-4.693	-0.0424	0.0451	-0.875	-4.659	0.034	-0.001
23.0	-0.833	-3.819	-0.0402	0.0435	-0.837	-3.784	0.035	-0.004
23.5	-0.798	-2.986	-0.0382	0.0417	-0.799	-2.947	0.039	-0.001
24.0	-0.762	-2.188	-0.0363	0.0396	-0.759	-2.148	0.04	0.003
24.5	-0.728	-1.426	-0.0340	0.0378	-0.718	-1.389	0.037	0.010
25.0	-0.698	-0.698	-0.0318	0.0353	-0.671	-0.671	0.027	0.027



CALCULATION SHEET FOR INCLINOMETER

V-4 : B axis DATE : Feb. 28, 1990

DEPTH	B(I)	T/B(I)	B(0)	T-B(180)	B(n)	T/B(n)	T/B(n)	B(n)
	Oct. 9 1989			Feb. 28, 1990			-T/B(I)	-B(I)
0.5	-1.108	-50.001	-0.0135	0.0115	-0.250	-49.536	0.465	0.858
1.0	-1.078	-48.893	-0.0493	0.0486	-0.984	-49.286	-0.393	0.094
1.5	-0.800	-47.815	-0.0455	0.0454	-0.909	-48.302	-0.487	-0.109
2.0	-0.784	-47.015	-0.0428	0.0427	-0.855	-47.393	-0.378	-0.071
2.5	-0.886	-46.231	-0.0438	0.0439	-0.877	-46.538	-0.307	0.009
3.0	-0.975	-45.345	-0.0453	0.0454	-0.907	-45.661	-0.316	0.068
3.5	-1.003	-44.370	-0.0471	0.0472	-0.943	-44.754	-0.384	0.060
4.0	-1.002	-43.367	-0.0494	0.0496	-0.990	-43.811	-0.444	0.012
4.5	-1.101	-42.365	-0.0564	0.0564	-1.128	-42.821	-0.456	-0.027
5.0	-1.128	-41.264	-0.0595	0.0593	-1.188	-41.693	-0.429	-0.060
5.5	-1.139	-40.136	-0.0604	0.0605	-1.209	-40.505	-0.369	-0.070
6.0	-1.132	-38.997	-0.0597	0.0595	-1.192	-39.236	-0.299	-0.060
6.5	-1.112	-37.865	-0.0575	0.0573	-1.148	-38.104	-0.239	-0.036
7.0	-1.090	-36.753	-0.0561	0.0556	-1.117	-36.956	-0.203	-0.027
7.5	-0.994	-35.663	-0.0510	0.0503	-1.013	-35.839	-0.176	-0.019
8.0	-0.990	-34.669	-0.0504	0.0504	-1.008	-34.826	-0.157	-0.018
8.5	-0.953	-33.679	-0.0486	0.0486	-0.972	-33.813	-0.139	-0.019
9.0	-0.903	-32.726	-0.0469	0.0471	-0.940	-32.846	-0.12	-0.037
9.5	-0.911	-31.823	-0.0477	0.0475	-0.952	-31.906	-0.083	-0.041
10.0	-0.914	-30.912	-0.0467	0.0464	-0.931	-30.954	-0.042	-0.017
10.5	-0.902	-29.998	-0.0430	0.0423	-0.853	-30.023	-0.025	0.049
11.0	-0.902	-29.096	-0.0436	0.0437	-0.873	-29.170	-0.074	0.029
11.5	-0.915	-28.194	-0.0460	0.0460	-0.920	-28.297	-0.103	-0.005
12.0	-0.938	-27.279	-0.0481	0.0480	-0.951	-27.377	-0.098	-0.023
12.5	-0.968	-26.341	-0.0491	0.0491	-0.982	-26.416	-0.075	-0.014
13.0	-0.996	-25.373	-0.0495	0.0494	-0.989	-25.434	-0.061	0.007
13.5	-0.999	-24.377	-0.0498	0.0498	-0.996	-24.445	-0.068	0.003
14.0	-0.905	-23.378	-0.0457	0.0457	-0.914	-23.449	-0.071	-0.009
14.5	-0.837	-22.473	-0.0422	0.0424	-0.846	-22.535	-0.062	-0.009
15.0	-0.776	-21.626	-0.0390	0.0391	-0.781	-21.639	-0.052	-0.005
15.5	-0.774	-20.860	-0.0390	0.0391	-0.781	-20.908	-0.048	-0.007
16.0	-0.874	-20.096	-0.0441	0.0443	-0.884	-20.127	-0.041	-0.010
16.5	-1.214	-19.212	-0.0602	0.0608	-1.210	-19.243	-0.031	0.004
17.0	-1.251	-17.998	-0.0627	0.0631	-1.258	-18.033	-0.035	-0.007
17.5	-1.387	-16.747	-0.0694	0.0700	-1.394	-16.775	-0.028	-0.007
18.0	-1.468	-15.360	-0.0739	0.0740	-1.479	-15.381	-0.021	-0.011
18.5	-1.433	-13.892	-0.0715	0.0716	-1.431	-13.902	-0.01	0.002
19.0	-1.352	-12.459	-0.0668	0.0668	-1.336	-12.471	-0.012	0.016
19.5	-1.154	-11.107	-0.0571	0.0570	-1.141	-11.135	-0.028	0.013
20.0	-1.145	-9.953	-0.0571	0.0574	-1.145	-9.394	-0.041	0.000
20.5	-1.178	-8.808	-0.0596	0.0598	-1.194	-8.849	-0.041	-0.016
21.0	-1.106	-7.630	-0.0553	0.0557	-1.110	-7.655	-0.025	-0.004
21.5	-0.937	-6.524	-0.0468	0.0471	-0.939	-6.545	-0.021	-0.002
22.0	-0.894	-5.587	-0.0455	0.0452	-0.908	-5.606	-0.019	-0.014
22.5	-0.874	-4.693	-0.0455	0.0440	-0.895	-4.698	-0.005	-0.021
23.0	-0.833	-3.819	-0.0420	0.0423	-0.843	-3.803	0.016	-0.010
23.5	-0.793	-2.986	-0.0399	0.0406	-0.805	-2.960	0.026	-0.007
24.0	-0.762	-2.188	-0.0378	0.0383	-0.761	-2.155	0.033	0.001
24.5	-0.728	-1.426	-0.0357	0.0363	-0.720	-1.394	0.032	0.008
25.0	-0.698	-0.698	-0.0335	0.0339	-0.674	-0.674	0.024	0.024



CALCULATION SHEET FOR INCLINOMETER

V-4 : B axis MCH.21, 1990

DEPTH	B(I)	T/B(I)	B(0)	B(180)	B(n)	T/B(n)	T/B(n)	P(n)-B(I)
	Oct. 9 1989	1989	Mch. 21, 1990				-T/B(I)	
0.5	-1.108	-50.001	-0.0212	0.0197	-0.409	-49.484	0.517	0.699
1.0	-1.078	-48.893	-0.0491	0.0475	-0.966	-49.075	-0.162	0.112
1.5	-0.800	-47.815	-0.0462	0.0451	-0.913	-48.109	-0.294	-0.113
2.0	-0.784	-47.015	-0.0432	0.0432	-0.864	-47.196	-0.181	-0.080
2.5	-0.886	-46.231	-0.0444	0.0044	-0.488	-46.332	-0.101	0.398
3.0	-0.975	-45.345	-0.0458	0.0455	-0.913	-45.844	-0.499	0.062
3.5	-1.003	-44.370	-0.0476	0.0472	-0.948	-44.931	-0.561	0.055
4.0	-1.002	-43.367	-0.0497	0.0494	-0.991	-43.983	-0.616	0.011
4.5	-1.101	-42.365	-0.0567	0.0562	-1.129	-42.992	-0.627	-0.028
5.0	-1.128	-41.264	-0.0599	0.0590	-1.189	-41.863	-0.599	-0.061
5.5	-1.139	-40.136	-0.0611	0.0603	-1.214	-40.674	-0.538	-0.075
6.0	-1.132	-38.997	-0.0601	0.0592	-1.193	-39.480	-0.463	-0.061
6.5	-1.112	-37.865	-0.0581	0.0570	-1.151	-38.267	-0.402	-0.039
7.0	-1.090	-36.753	-0.0568	0.0556	-1.124	-37.116	-0.363	-0.034
7.5	-0.994	-35.663	-0.0517	0.0499	-1.016	-35.932	-0.329	-0.022
8.0	-0.990	-34.669	-0.051	0.0503	-1.013	-34.975	-0.307	-0.023
8.5	-0.953	-33.679	-0.0493	0.0483	-0.976	-33.963	-0.284	-0.023
9.0	-0.903	-32.726	-0.0475	0.0468	-0.943	-32.937	-0.261	-0.040
9.5	-0.911	-31.823	-0.0483	0.0473	-0.956	-32.044	-0.221	-0.045
10.0	-0.914	-30.912	-0.0474	0.0461	-0.935	-31.088	-0.176	-0.021
10.5	-0.902	-29.998	-0.0437	0.0424	-0.861	-30.153	-0.155	0.041
11.0	-0.902	-29.093	-0.044	0.0433	-0.873	-29.292	-0.136	0.029
11.5	-0.915	-28.194	-0.0404	0.0457	-0.921	-28.419	-0.225	-0.006
12.0	-0.938	-27.279	-0.0485	0.0478	-0.963	-27.498	-0.219	-0.025
12.5	-0.968	-26.341	-0.0497	0.0488	-0.935	-26.535	-0.194	-0.017
13.0	-0.996	-25.373	-0.0502	0.0494	-0.986	-25.550	-0.177	0.000
13.5	-0.999	-24.377	-0.0502	0.0494	-0.996	-24.554	-0.177	0.003
14.0	-0.905	-23.378	-0.0463	0.0457	-0.920	-23.555	-0.18	-0.015
14.5	-0.837	-22.473	-0.0430	0.0427	-0.857	-22.638	-0.165	-0.020
15.0	-0.776	-21.636	-0.0404	0.0399	-0.803	-21.741	-0.145	-0.027
15.5	-0.774	-20.860	-0.0404	0.0397	-0.801	-20.878	-0.118	-0.027
16.0	-0.674	-20.086	-0.0444	0.0439	-0.883	-20.177	-0.091	-0.009
16.5	-1.214	-19.212	-0.0592	0.0603	-1.195	-19.294	-0.082	0.019
17.0	-1.251	-17.998	-0.0629	0.0627	-1.256	-18.099	-0.101	-0.095
17.5	-1.367	-16.747	-0.0699	0.0698	-1.397	-16.843	-0.096	-0.010
18.0	-1.468	-15.360	-0.0742	0.0738	-1.480	-15.446	-0.086	-0.012
18.5	-1.433	-13.992	-0.0720	0.0713	-1.433	-13.966	-0.074	0.000
19.0	-1.352	-12.459	-0.0676	0.0668	-1.344	-12.533	-0.074	0.008
19.5	-1.154	-11.107	-0.0575	0.0572	-1.147	-11.189	-0.032	0.007
20.0	-1.145	-9.953	-0.0575	0.0571	-1.144	-10.042	-0.089	0.001
20.5	-1.178	-8.808	-0.0601	0.0597	-1.198	-8.898	-0.09	-0.020
21.0	-1.106	-7.630	-0.0563	0.0556	-1.119	-7.700	-0.07	-0.013
21.5	-0.937	-6.524	-0.0480	0.0473	-0.953	-6.581	-0.057	-0.016
22.0	-0.894	-5.587	-0.0461	0.0450	-0.911	-5.623	-0.041	-0.017
22.5	-0.874	-4.693	-0.0450	0.0437	-0.887	-4.717	-0.024	-0.013
23.0	-0.833	-3.819	-0.0425	0.0423	-0.848	-3.830	-0.011	-0.015
23.5	-0.798	-2.986	-0.0406	0.0402	-0.808	-2.982	0.004	-0.010
24.0	-0.762	-2.188	-0.0387	0.0383	-0.770	-2.174	0.014	-0.008
24.5	-0.728	-1.426	-0.0363	0.0360	-0.722	-1.404	0.022	0.005
25.0	-0.698	-0.698	-0.0341	0.0340	-0.681	-0.681	0.017	0.017



CALCULATION SHEET FOR INCLINOMETER

V-4 : B axis DATE: APR 24, 1990

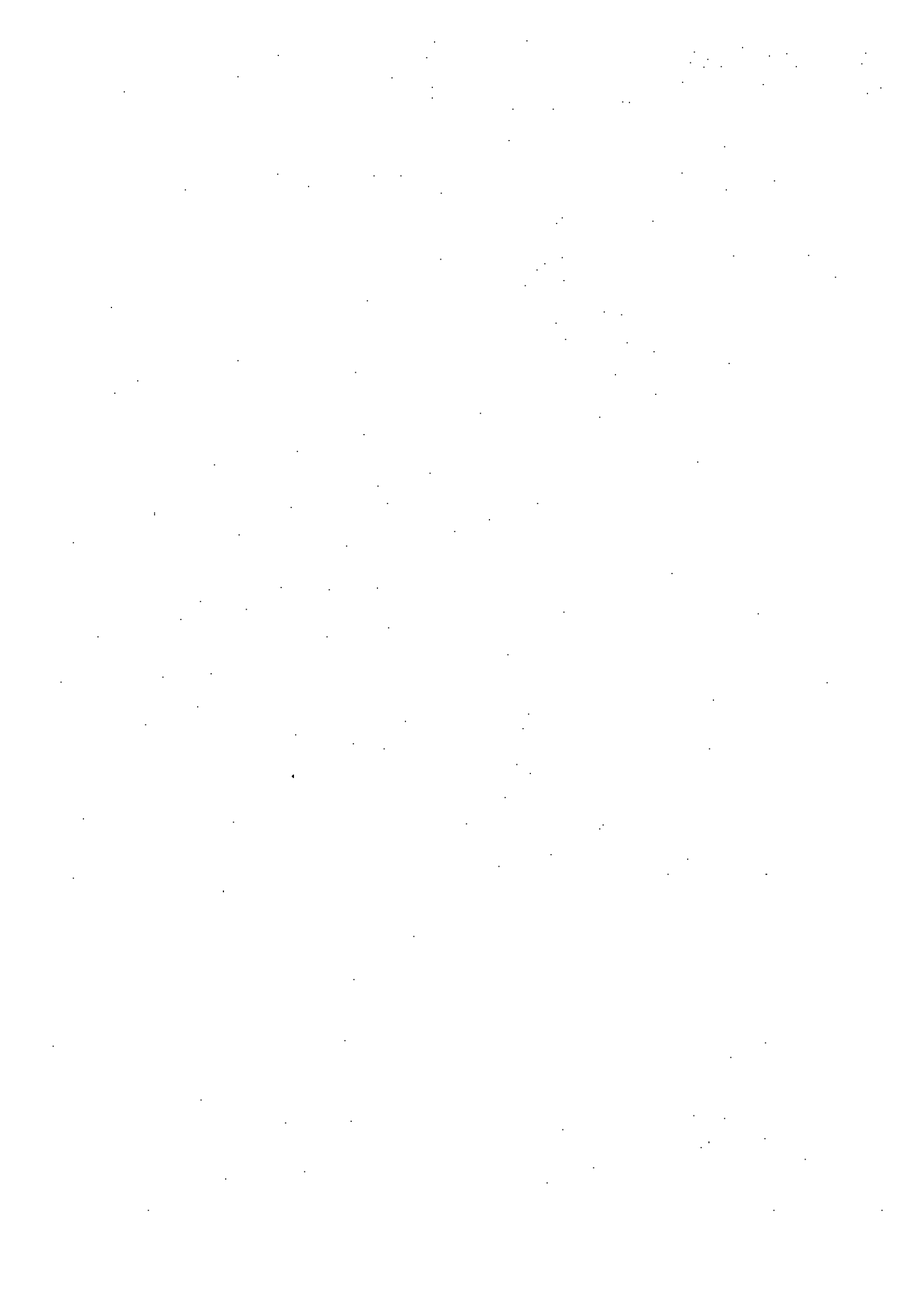
DEPTH	E(1)	T/E(1)	E(0)	B(190)	B(n)	T/B(n)	T/E(n)	B(n)-E(1)
	Oct. 9	1989	Apr. 24,	1990			-T/E(1)	
0.5	-1.108	-50.001	-0.0225	0.0229	-0.454	-49.578	0.425	0.654
1.0	-1.078	-48.893	-0.0489	0.0493	-0.982	-49.124	-0.231	0.098
1.5	-0.800	-47.815	-0.0448	0.0451	-0.899	-48.142	-0.327	-0.099
2.0	-0.734	-47.015	-0.0424	0.0434	-0.858	-47.243	-0.228	-0.074
2.5	-0.886	-46.231	-0.0433	0.0441	-0.874	-46.385	-0.154	0.012
3.0	-0.975	-45.345	-0.0448	0.0458	-0.906	-45.511	-0.166	0.069
3.5	-1.003	-44.370	-0.0465	0.0473	-0.938	-44.605	-0.235	0.085
4.0	-1.002	-43.267	-0.0490	0.0498	-0.989	-43.687	-0.3	0.013
4.5	-1.101	-42.265	-0.0562	0.0589	-1.131	-42.678	-0.313	-0.030
5.0	-1.128	-41.264	-0.0591	0.0600	-1.191	-41.547	-0.283	-0.063
5.5	-1.139	-40.186	-0.0600	0.0612	-1.212	-40.356	-0.22	-0.073
6.0	-1.132	-38.997	-0.0582	0.0601	-1.183	-39.144	-0.147	-0.051
6.5	-1.112	-37.865	-0.0570	0.0580	-1.150	-37.961	-0.096	-0.038
7.0	-1.090	-36.753	-0.0553	0.0561	-1.114	-36.811	-0.058	-0.024
7.5	-0.994	-35.663	-0.0502	0.0507	-1.009	-35.697	-0.034	-0.015
8.0	-0.990	-34.669	-0.0496	0.0503	-1.004	-34.688	-0.019	-0.014
8.5	-0.953	-33.679	-0.0480	0.0490	-0.970	-33.684	-0.005	-0.017
9.0	-0.903	-32.728	-0.0464	0.0476	-0.940	-32.714	0.012	-0.037
9.5	-0.911	-31.823	-0.0471	0.0481	-0.952	-31.774	0.049	-0.041
10.0	-0.914	-30.912	-0.0462	0.0472	-0.934	-30.822	0.09	-0.020
10.5	-0.902	-29.998	-0.0423	0.0430	-0.953	-29.888	0.11	0.049
11.0	-0.902	-29.096	-0.0431	0.0440	-0.871	-29.035	0.061	0.031
11.5	-0.915	-28.194	-0.0455	0.0465	-0.920	-28.164	0.02	-0.005
12.0	-0.938	-27.279	-0.0475	0.0486	-0.961	-27.244	0.035	-0.023
12.5	-0.968	-26.341	-0.0486	0.0497	-0.983	-26.283	0.058	-0.015
13.0	-0.996	-25.373	-0.0490	0.0500	-0.990	-25.300	0.073	0.006
13.5	-0.990	-24.377	-0.0491	0.0501	-0.992	-24.310	0.067	0.007
14.0	-0.905	-23.378	-0.0452	0.0460	-0.912	-23.318	0.06	-0.007
14.5	-0.837	-22.473	-0.0419	0.0430	-0.849	-22.408	0.067	-0.011
15.0	-0.776	-21.636	-0.0392	0.0402	-0.794	-21.552	0.079	-0.013
15.5	-0.774	-20.860	-0.0392	0.0402	-0.794	-20.764	0.096	-0.020
16.0	-0.874	-20.086	-0.0437	0.0448	-0.885	-19.970	0.116	-0.011
16.5	-1.214	-19.212	-0.0603	0.0607	-1.210	-19.085	0.127	0.004
17.0	-1.251	-17.998	-0.0601	0.0632	-1.233	-17.875	0.123	0.018
17.5	-1.387	-16.747	-0.0692	0.0704	-1.396	-16.642	0.105	-0.009
18.0	-1.468	-15.380	-0.0731	0.0745	-1.473	-15.246	0.114	-0.008
18.5	-1.493	-13.892	-0.0706	0.0720	-1.426	-13.770	0.122	0.007
19.0	-1.352	-12.459	-0.0660	0.0674	-1.334	-12.344	0.115	0.018
19.5	-1.184	-11.107	-0.0557	0.0569	-1.126	-11.010	0.097	0.028
20.0	-1.145	-9.953	-0.0561	0.0578	-1.139	-9.834	0.089	0.006
20.5	-1.178	-8.898	-0.0537	0.0604	-1.191	-8.745	0.063	-0.013
21.0	-1.106	-7.639	-0.0546	0.0561	-1.107	-7.554	0.076	-0.001
21.5	-0.937	-6.524	-0.0458	0.0477	-0.935	-6.447	0.077	0.002
22.0	-0.894	-5.587	-0.0441	0.0458	-0.899	-5.512	0.075	-0.005
22.5	-0.874	-4.693	-0.0431	0.0442	-0.873	-4.613	0.08	0.001
23.0	-0.838	-3.819	-0.0405	0.0427	-0.832	-3.740	0.079	0.001
23.5	-0.798	-2.986	-0.0385	0.0405	-0.790	-2.908	0.078	0.008
24.0	-0.762	-2.188	-0.0363	0.0388	-0.751	-2.118	0.07	0.011
24.5	-0.728	-1.426	-0.0339	0.0366	-0.705	-1.367	0.059	0.023
25.0	-0.698	-0.698	-0.0317	0.0345	-0.662	-0.662	0.036	0.036



CALCULATION SHEET FOR INCLINOMETER

V-4 : E axis DATE: MAY. 31, 1990

DEPTH	B(I)	T/E(I)	E(O)	B(180)	E(n)	T/B(n)	T/B(n) -T/E(I)	B(n)-B(I)
	Oct. 9 1989	1989	May. 31, 1990					
0.5	-1.108	-50.001	-0.0291	0.0283	-0.574	-49.847	0.154	0.534
1.0	-1.078	-48.893	-0.0487	0.0477	-0.964	-49.273	-0.38	0.114
1.5	-0.800	-47.815	-0.0457	0.0451	-0.908	-48.309	-0.494	-0.108
2.0	-0.784	-47.015	-0.0431	0.0425	-0.856	-47.401	-0.386	-0.072
2.5	-0.886	-46.231	-0.0440	0.0435	-0.875	-46.545	-0.314	0.011
3.0	-0.975	-45.345	-0.0455	0.0448	-0.903	-45.670	-0.325	0.072
3.5	-1.003	-44.370	-0.0473	0.0466	-0.839	-44.767	-0.397	0.064
4.0	-1.002	-43.367	-0.0495	0.0491	-0.986	-43.828	-0.461	0.016
4.5	-1.101	-42.365	-0.0564	0.0554	-1.118	-42.842	-0.477	-0.017
5.0	-1.128	-41.264	-0.0597	0.0592	-1.189	-41.724	-0.46	-0.081
5.5	-1.139	-40.136	-0.0608	0.0602	-1.210	-40.585	-0.399	-0.071
6.0	-1.132	-38.997	-0.0600	0.0594	-1.134	-39.325	-0.322	-0.082
6.5	-1.112	-37.865	-0.0578	0.0574	-1.152	-38.131	-0.266	-0.040
7.0	-1.089	-36.753	-0.0564	0.0556	-1.120	-36.979	-0.236	-0.020
7.5	-0.994	-35.653	-0.0511	0.0504	-1.015	-35.859	-0.196	-0.021
8.0	-0.990	-34.565	-0.0508	0.0500	-1.000	-34.844	-0.175	-0.016
8.5	-0.953	-33.379	-0.0491	0.0485	-0.875	-33.838	-0.159	-0.023
9.0	-0.903	-32.229	-0.0471	0.0465	-0.836	-32.862	-0.136	-0.033
9.5	-0.911	-31.023	-0.0480	0.0474	-0.954	-31.926	-0.103	-0.045
10.0	-0.914	-30.012	-0.0470	0.0464	-0.924	-30.972	-0.06	-0.020
10.5	-0.902	-29.098	-0.0480	0.0425	-0.855	-30.038	-0.04	0.047
11.0	-0.902	-28.096	-0.0488	0.0432	-0.870	-29.133	-0.087	0.032
11.5	-0.915	-28.194	-0.0481	0.0454	-0.815	-28.313	-0.119	0.000
12.0	-0.935	-27.279	-0.0485	0.0477	-0.862	-27.398	-0.119	-0.024
12.5	-0.968	-26.341	-0.0496	0.0487	-0.983	-26.436	-0.095	-0.015
13.0	-0.996	-25.373	-0.0500	0.0494	-0.994	-25.453	-0.08	0.002
13.5	-0.999	-24.377	-0.0501	0.0495	-0.996	-24.459	-0.082	0.003
14.0	-0.905	-23.373	-0.0462	0.0454	-0.916	-23.463	-0.035	-0.011
14.5	-0.837	-22.473	-0.0429	0.0423	-0.852	-22.547	-0.074	-0.015
15.0	-0.776	-21.536	-0.0402	0.0395	-0.797	-21.695	-0.059	-0.021
15.5	-0.774	-20.860	-0.0402	0.0394	-0.796	-20.898	-0.038	-0.022
16.0	-0.874	-20.086	-0.0444	0.0436	-0.880	-20.102	-0.016	-0.008
16.5	-1.214	-19.212	-0.0604	0.0597	-1.201	-19.222	-0.01	0.013
17.0	-1.251	-17.998	-0.0529	0.0524	-1.253	-18.021	-0.023	-0.002
17.5	-1.387	-16.747	-0.0700	0.0694	-1.394	-16.768	-0.021	-0.007
18.0	-1.468	-15.360	-0.0744	0.0736	-1.460	-15.374	-0.014	-0.012
18.5	-1.433	-13.892	-0.0717	0.0712	-1.429	-13.894	-0.002	0.004
19.0	-1.552	-12.459	-0.0673	0.0667	-1.340	-12.465	-0.006	0.012
19.5	-1.154	-11.107	-0.0574	0.0565	-1.139	-11.125	-0.018	0.015
20.0	-1.145	-9.853	-0.0573	0.0568	-1.141	-9.936	-0.033	0.004
20.5	-1.178	-8.808	-0.0601	0.0586	-1.197	-8.845	-0.037	-0.019
21.0	-1.106	-7.630	-0.0560	0.0558	-1.118	-7.648	-0.013	-0.012
21.5	-0.937	-6.524	-0.0474	0.0473	-0.947	-6.530	-0.005	-0.010
22.0	-0.894	-5.587	-0.0455	0.0450	-0.905	-5.583	0.004	-0.011
22.5	-0.874	-4.693	-0.0446	0.0440	-0.886	-4.678	0.015	-0.012
23.0	-0.833	-3.819	-0.0422	0.0418	-0.840	-3.792	0.027	-0.007
23.5	-0.798	-2.986	-0.0403	0.0399	-0.802	-2.952	0.034	-0.004
24.0	-0.762	-2.188	-0.0382	0.0378	-0.760	-2.150	0.038	0.002
24.5	-0.728	-1.426	-0.0361	0.0357	-0.718	-1.390	0.036	0.010
25.0	-0.698	-0.698	-0.0337	0.0335	-0.672	-0.672	0.026	0.026



CALCULATION SHEET FOR INCLINOMETER

V-4 : B axis DATE: JUNE. 20, 1990

DEPTH	B(I) Oct. 9 1989	T/E(I)	B(0) June. 20, 1990	B(180)	B(n)	T/S(n)	T/B(n) -T/B(I)	B(n)-B(i)
0.5	-1.108	-50.001	-0.0306	0.0293	-0.599	-49.896	0.105	0.509
1.0	-1.078	-48.893	-0.0492	0.0477	-0.969	-49.297	-0.404	0.109
1.5	-0.800	-47.815	-0.0454	0.0445	-0.899	-48.328	-0.513	-0.099
2.0	-0.784	-47.015	-0.0433	0.0426	-0.859	-47.429	-0.414	-0.075
2.5	-0.886	-46.231	-0.0440	0.0434	-0.874	-46.570	-0.339	0.012
3.0	-0.975	-45.345	-0.0457	0.0448	-0.905	-45.696	-0.351	0.070
3.5	-1.003	-44.370	-0.0473	0.0465	-0.938	-44.791	-0.421	0.065
4.0	-1.002	-43.367	-0.0496	0.0490	-0.986	-43.853	-0.486	0.016
4.5	-1.101	-42.365	-0.0567	0.0563	-1.130	-42.867	-0.502	-0.029
5.0	-1.128	-41.264	-0.0599	0.0592	-1.191	-41.737	-0.473	-0.063
5.5	-1.139	-40.136	-0.0610	0.0602	-1.212	-40.548	-0.41	-0.073
6.0	-1.132	-38.997	-0.0600	0.0594	-1.194	-39.334	-0.337	-0.062
6.5	-1.112	-37.865	-0.0579	0.0571	-1.150	-38.140	-0.275	-0.038
7.0	-1.090	-36.753	-0.0562	0.0556	-1.118	-36.990	-0.237	-0.028
7.5	-0.994	-35.663	-0.0511	0.0500	-1.011	-35.872	-0.209	-0.017
8.0	-0.990	-34.669	-0.0506	0.0501	-1.007	-34.861	-0.192	-0.017
8.5	-0.953	-33.679	-0.0490	0.0483	-0.973	-33.854	-0.175	-0.020
9.0	-0.903	-32.726	-0.0473	0.0464	-0.937	-32.881	-0.155	-0.034
9.5	-0.911	-31.823	-0.0479	0.0476	-0.955	-31.944	-0.121	-0.044
10.0	-0.914	-30.912	-0.0471	0.0462	-0.933	-30.989	-0.077	-0.019
10.5	-0.902	-29.998	-0.0429	0.0422	-0.851	-30.056	-0.058	0.051
11.0	-0.902	-29.086	-0.0439	0.0430	-0.869	-29.205	-0.109	0.033
11.5	-0.915	-28.194	-0.0464	0.0454	-0.918	-28.336	-0.142	-0.003
12.0	-0.938	-27.279	-0.0485	0.0478	-0.963	-27.418	-0.139	-0.025
12.5	-0.968	-26.341	-0.0498	0.0487	-0.985	-26.455	-0.114	-0.017
13.0	-0.996	-25.373	-0.0501	0.0495	-0.996	-25.470	-0.097	0.000
13.5	-0.999	-24.377	-0.0502	0.0493	-0.995	-24.474	-0.097	0.004
14.0	-0.905	-23.378	-0.0463	0.0453	-0.916	-23.479	-0.101	-0.011
14.5	-0.837	-22.473	-0.0423	0.0422	-0.850	-22.563	-0.09	-0.013
15.0	-0.776	-21.636	-0.0404	0.0394	-0.798	-21.713	-0.077	-0.022
15.5	-0.774	-20.860	-0.0402	0.0395	-0.797	-20.915	-0.055	-0.023
16.0	-0.874	-20.086	-0.0446	0.0437	-0.883	-20.118	-0.032	-0.009
16.5	-1.214	-19.212	-0.0609	0.0605	-1.214	-19.235	-0.023	0.000
17.0	-1.251	-17.998	-0.0629	0.0623	-1.252	-18.021	-0.023	-0.001
17.5	-1.387	-16.747	-0.0703	0.0699	-1.402	-16.769	-0.022	-0.015
18.0	-1.468	-15.360	-0.0744	0.0737	-1.481	-15.367	-0.007	-0.013
18.5	-1.433	-13.892	-0.0720	0.0711	-1.431	-13.886	0.006	0.002
19.0	-1.352	-12.459	-0.0674	0.0665	-1.339	-12.455	0.004	0.013
19.5	-1.154	-11.107	-0.0571	0.0561	-1.132	-11.116	-0.009	0.022
20.0	-1.145	-9.953	-0.0574	0.0569	-1.143	-9.984	-0.031	0.002
20.5	-1.178	-8.808	-0.0603	0.0596	-1.199	-8.841	-0.033	-0.021
21.0	-1.106	-7.630	-0.0563	0.0555	-1.118	-7.642	-0.012	-0.012
21.5	-0.937	-6.524	-0.0476	0.0470	-0.946	-6.524	0.000	-0.009
22.0	-0.894	-5.587	-0.0457	0.0449	-0.906	-5.578	0.009	-0.012
22.5	-0.874	-4.693	-0.0446	0.0436	-0.882	-4.672	0.021	-0.008
23.0	-0.833	-3.819	-0.0422	0.0417	-0.839	-3.790	0.029	-0.006
23.5	-0.798	-2.986	-0.0404	0.0397	-0.801	-2.951	0.035	-0.003
24.0	-0.762	-2.188	-0.0382	0.0378	-0.760	-2.150	0.038	0.002
24.5	-0.728	-1.426	-0.0363	0.0354	-0.717	-1.390	0.036	0.011
25.0	-0.698	-0.698	-0.0340	0.0333	-0.673	-0.673	0.025	0.025



INITIAL READING OF INCLINOMETERS

HOLE No. X-1 DATE : Aug. 23, 1989

DEPTH (m)	A(0)	A(180)	A(I) (cm)	T/A(I)	B(0)	B(180)	B(I) (cm)	T/B(I)
0.5	-0.0076	0.0071	-0.147	0.343	-0.0180	0.0216	-0.396	-6.924
1.0	-0.0071	0.0061	-0.132	0.490	-0.0164	0.0206	-0.370	-6.528
1.5	-0.0118	0.0116	-0.234	0.622	-0.0063	0.0095	-0.158	-6.158
2.0	-0.0134	0.0130	-0.264	0.856	-0.0013	0.0045	-0.058	-6.000
2.5	-0.0134	0.0128	-0.262	1.120	-0.0016	0.0018	-0.034	-5.942
3.0	-0.0131	0.0126	-0.257	1.382	0.0034	-0.0001	0.035	-5.908
3.5	-0.0121	0.0116	-0.237	1.639	0.0042	-0.0007	0.049	-5.943
4.0	-0.0098	0.0092	-0.190	1.876	0.0040	-0.0007	0.047	-5.992
4.5	0.0011	-0.0012	0.023	2.066	0.0041	-0.0011	0.052	-6.039
5.0	0.0005	-0.0010	0.015	2.043	0.0005	0.0028	-0.023	-6.091
5.5	0.0013	-0.0017	0.030	2.028	-0.0020	0.0052	-0.072	-6.068
6.0	0.0023	-0.0029	0.052	1.998	-0.0038	0.0072	-0.110	-5.996
6.5	0.0028	-0.0033	0.061	1.946	-0.0057	0.0089	-0.146	-5.886
7.0	0.0038	-0.0043	0.081	1.885	-0.0067	0.0101	-0.168	-5.740
7.5	0.0060	-0.0067	0.127	1.804	-0.0086	0.0117	-0.203	-5.572
8.0	0.0056	-0.0061	0.117	1.677	-0.0103	0.0135	-0.238	-5.369
8.5	0.0055	-0.0060	0.115	1.560	-0.0098	0.0130	-0.228	-5.131
9.0	0.0053	-0.0058	0.111	1.445	-0.0102	0.0134	-0.236	-4.903
9.5	0.0065	-0.0070	0.135	1.334	-0.0106	0.0139	-0.245	-4.667
10.0	0.0072	-0.0085	0.157	1.199	-0.0117	0.0151	-0.268	-4.422
10.5	0.0085	-0.0085	0.170	1.042	0.0079	-0.0041	0.120	-4.154
11.0	0.0089	-0.0093	0.182	0.872	0.0071	-0.0040	0.111	-4.274
11.5	0.0090	-0.0093	0.183	0.690	0.0048	-0.0017	0.065	-4.385
12.0	0.0101	-0.0106	0.207	0.507	0.0038	-0.0005	0.043	-4.450
12.5	0.0105	-0.0108	0.213	0.300	0.0036	-0.0006	0.042	-4.493
13.0	0.0119	-0.0124	0.243	0.087	0.0031	0.0000	0.031	-4.535
13.5	0.0023	-0.0033	0.056	-0.156	-0.0035	0.0059	-0.095	-4.566
14.0	0.0013	-0.0017	0.030	-0.212	-0.0065	0.0096	-0.161	-4.471
14.5	-0.0002	-0.0003	0.001	-0.242	-0.0096	0.0129	-0.225	-4.310
15.0	-0.0016	0.0013	-0.029	-0.243	-0.0120	0.0151	-0.271	-4.085
15.5	-0.0031	0.0025	-0.056	-0.214	-0.0139	0.0172	-0.311	-3.814
16.0	-0.0018	0.0015	-0.033	-0.158	-0.0136	0.0167	-0.303	-3.503
16.5	0.0003	-0.0011	0.014	-0.125	-0.0007	0.0039	-0.046	-3.200
17.0	-0.0020	0.0013	-0.033	-0.139	-0.0049	0.0081	-0.130	-3.154
17.5	-0.0040	0.0039	-0.079	-0.106	-0.0134	0.0165	-0.299	-3.024
18.0	-0.0009	0.0004	-0.013	-0.027	-0.0124	0.0155	-0.279	-2.725
18.5	0.0008	-0.0012	0.020	-0.014	-0.0115	0.0146	-0.261	-2.446
19.0	-0.0017	0.0016	-0.033	-0.034	-0.0079	0.0109	-0.188	-2.185
19.5	-0.0005	0.0002	-0.007	-0.001	-0.0077	0.0127	-0.204	-1.997
20.0	0.0001	-0.0003	0.004	0.006	-0.0142	0.0173	-0.315	-1.793
20.5	0.0000	-0.0003	0.003	0.002	-0.0157	0.0188	-0.345	-1.478
21.0	-0.0001	-0.0001	0.000	-0.001	-0.0167	0.0196	-0.363	-1.133
21.5	-0.0005	0.0001	-0.006	-0.001	-0.0182	0.0211	-0.393	-0.770
22.0	0.0001	-0.0004	0.005	0.005	-0.0175	0.0202	-0.377	-0.377



CALCULATION SHEET FOR INCLINOMETER

X-1 : B axis DATE : Sep. 12, 1989

DEPTH	B(I)	T/B(I)	B(0)	B(180)	B(n)	T/B(n)	T/B(n)	B(n)
	AUG. 23, 1		Sep. 12, 1989				-T/B(I)	-B(I)
0.5	-0.396	-6.924	-0.0189	0.0233	-0.422	-7.208	-0.284	-0.026
1.0	-0.370	-6.528	-0.0174	0.0224	-0.398	-6.786	-0.258	-0.028
1.5	-0.158	-6.158	-0.0058	0.0105	-0.163	-6.388	-0.230	-0.005
2.0	-0.058	-6.000	-0.0005	0.0048	-0.053	-6.225	-0.225	0.005
2.5	-0.034	-5.942	0.0022	0.0021	0.001	-6.172	-0.230	0.035
3.0	0.035	-5.908	0.0042	0.0002	0.040	-6.173	-0.265	0.005
3.5	0.049	-5.943	0.0047	-0.0003	0.050	-6.213	-0.270	0.001
4.0	0.047	-5.992	0.0052	-0.0008	0.060	-6.263	-0.271	0.013
4.5	0.052	-6.039	0.0047	-0.0004	0.051	-6.323	-0.284	-0.001
5.0	-0.023	-6.091	0.0008	0.0035	-0.027	-6.374	-0.283	-0.004
5.5	-0.072	-6.068	-0.0014	0.0057	-0.071	-6.347	-0.279	0.001
6.0	-0.110	-5.996	-0.0032	0.0076	-0.108	-6.276	-0.280	0.002
6.5	-0.146	-5.886	-0.0049	0.0092	-0.141	-6.168	-0.282	0.005
7.0	-0.168	-5.740	-0.0060	0.0104	-0.164	-6.027	-0.287	0.004
7.5	-0.203	-5.572	-0.0080	0.0121	-0.201	-5.863	-0.291	0.002
8.0	-0.238	-5.369	-0.0103	0.0146	-0.249	-5.662	-0.293	-0.011
8.5	-0.228	-5.131	-0.0101	0.0144	-0.245	-5.413	-0.282	-0.017
9.0	-0.236	-4.903	-0.0104	0.0148	-0.252	-5.168	-0.265	-0.016
9.5	-0.245	-4.667	-0.0123	0.0166	-0.289	-4.916	-0.249	-0.044
10.0	-0.268	-4.422	-0.0192	0.0233	-0.425	-4.627	-0.205	-0.157
10.5	0.120	-4.154	0.0068	-0.0018	0.086	-4.202	-0.048	-0.034
11.0	0.111	-4.274	0.0104	-0.0061	0.165	-4.288	-0.014	0.054
11.5	0.065	-4.385	0.0070	-0.0029	0.099	-4.453	-0.068	0.034
12.0	0.043	-4.450	0.0038	0.0003	0.035	-4.552	-0.102	-0.008
12.5	0.042	-4.493	0.0037	0.0004	0.033	-4.587	-0.094	-0.009
13.0	0.031	-4.535	0.0036	0.0007	0.029	-4.620	-0.085	-0.002
13.5	-0.095	-4.566	-0.0030	0.0074	-0.104	-4.649	-0.083	-0.009
14.0	-0.161	-4.471	-0.0058	0.0100	-0.158	-4.545	-0.074	0.003
14.5	-0.225	-4.310	-0.0095	0.0136	-0.231	-4.387	-0.077	-0.008
15.0	-0.271	-4.085	-0.0120	0.0163	-0.283	-4.156	-0.071	-0.012
15.5	-0.311	-3.814	-0.0132	0.0173	-0.305	-3.873	-0.059	0.006
16.0	-0.303	-3.503	-0.0122	0.0161	-0.283	-3.568	-0.065	0.020
16.5	-0.046	-3.200	-0.0002	0.0049	-0.051	-3.285	-0.085	-0.005
17.0	-0.130	-3.154	-0.0058	0.0098	-0.156	-3.234	-0.080	-0.026
17.5	-0.299	-3.024	-0.0130	0.0172	-0.302	-3.078	-0.054	-0.003
18.0	-0.279	-2.725	-0.0118	0.0159	-0.277	-2.776	-0.051	0.002
18.5	-0.261	-2.446	-0.0114	0.0157	-0.271	-2.499	-0.053	-0.010
19.0	-0.188	-2.185	-0.0061	0.0114	-0.175	-2.228	-0.043	0.013
19.5	-0.204	-1.997	-0.0087	0.0129	-0.216	-2.053	-0.056	-0.012
20.0	-0.315	-1.793	-0.0135	0.0179	-0.314	-1.837	-0.044	0.001
20.5	-0.345	-1.478	-0.0153	0.0195	-0.348	-1.523	-0.045	-0.003
21.0	-0.363	-1.133	-0.0168	0.0209	-0.377	-1.175	-0.042	-0.014
21.5	-0.393	-0.770	-0.0182	0.0223	-0.405	-0.798	-0.028	-0.012
22.0	-0.377	-0.377	-0.0176	0.0217	-0.393	-0.393	-0.016	-0.016



CALCULATION SHEET FOR INCLINOMETER

X-1 : B axis DATE : Nov. 27, 1989

DEPTH	B(I)	T/B(I)	B(0)	B(180)	B(n)	T/B(n)	T/B(n)	B(n)
	AUG. 23, 1989		Nov. 27, 1989				-T/B(I)	-B(I)
0.5	-0.396	-6.924						
1.0	-0.370	-6.528						
1.5	-0.158	-6.158						
2.0	-0.058	-6.000						
2.5	-0.034	-5.942						
3.0	0.035	-5.908	0.0040	0.0000	0.040	-7.628	-1.720	0.005
3.5	0.049	-5.943	0.0071	-0.0028	0.099	-7.668	-1.725	0.050
4.0	0.047	-5.992	0.0061	-0.0029	0.090	-7.767	-1.775	0.043
4.5	0.052	-6.039	-0.0035	0.0076	-0.111	-7.857	-1.818	-0.163
5.0	-0.023	-6.091	-0.0061	0.0105	-0.166	-7.746	-1.655	-0.143
5.5	-0.072	-6.068	-0.0046	0.0091	-0.137	-7.580	-1.512	-0.065
6.0	-0.110	-5.996	-0.0053	0.0095	-0.148	-7.443	-1.447	-0.038
6.5	-0.146	-5.886	-0.0038	0.0082	-0.120	-7.295	-1.409	0.026
7.0	-0.168	-5.740	-0.0031	0.0069	-0.100	-7.175	-1.435	0.068
7.5	-0.203	-5.572	-0.0094	0.0126	-0.220	-7.075	-1.503	-0.017
8.0	-0.238	-5.369	-0.0111	0.0154	-0.265	-6.855	-1.486	-0.027
8.5	-0.228	-5.131	-0.0107	0.0150	-0.257	-6.590	-1.459	-0.029
9.0	-0.236	-4.903	-0.0115	0.0156	-0.271	-6.333	-1.430	-0.035
9.5	-0.245	-4.667	-0.0220	0.0245	-0.465	-6.062	-1.395	-0.220
10.0	-0.268	-4.422	-0.0541	0.0572	-1.113	-5.597	-1.175	-0.845
10.5	0.120	-4.154	-0.0024	0.0074	-0.098	-4.484	-0.330	-0.218
11.0	0.111	-4.274	0.0165	-0.0124	0.289	-4.386	-0.112	0.178
11.5	0.065	-4.385	0.0065	-0.0026	0.091	-4.675	-0.290	0.026
12.0	0.043	-4.450	-0.0038	0.0079	-0.117	-4.766	-0.316	-0.160
12.5	0.042	-4.493	0.0013	0.0029	-0.016	-4.649	-0.156	-0.058
13.0	0.031	-4.535	0.0030	0.0008	0.022	-4.633	-0.098	-0.009
13.5	-0.095	-4.566	-0.0040	0.0084	-0.124	-4.655	-0.089	-0.029
14.0	-0.161	-4.471	-0.0056	0.0099	-0.155	-4.531	-0.060	0.006
14.5	-0.225	-4.310	-0.0087	0.0127	-0.214	-4.376	-0.066	0.011
15.0	-0.271	-4.085	-0.0099	0.0141	-0.240	-4.162	-0.077	0.031
15.5	-0.311	-3.814	-0.0117	0.0158	-0.275	-3.922	-0.108	0.036
16.0	-0.303	-3.503	-0.0122	0.0162	-0.284	-3.647	-0.144	0.019
16.5	-0.046	-3.200	0.0000	0.0040	-0.040	-3.363	-0.163	0.006
17.0	-0.130	-3.154	-0.0061	0.0099	-0.160	-3.323	-0.169	-0.030
17.5	-0.299	-3.024	-0.0138	0.0180	-0.318	-3.163	-0.139	-0.019
18.0	-0.279	-2.725	-0.0120	0.0162	-0.282	-2.845	-0.120	-0.003
18.5	-0.261	-2.446	-0.0108	0.0151	-0.259	-2.563	-0.117	0.002
19.0	-0.188	-2.185	-0.0068	0.0107	-0.175	-2.304	-0.119	0.013
19.5	-0.204	-1.997	-0.0108	0.0149	-0.257	-2.129	-0.132	-0.053
20.0	-0.315	-1.793	-0.0153	0.0195	-0.348	-1.872	-0.079	-0.033
20.5	-0.345	-1.478	-0.0166	0.0206	-0.372	-1.524	-0.046	-0.027
21.0	-0.363	-1.133	-0.0173	0.0215	-0.388	-1.152	-0.019	-0.025
21.5	-0.393	-0.770	-0.0179	0.0219	-0.398	-0.764	0.006	-0.005
22.0	-0.377	-0.377	-0.0163	0.0203	-0.366	-0.366	0.011	0.011

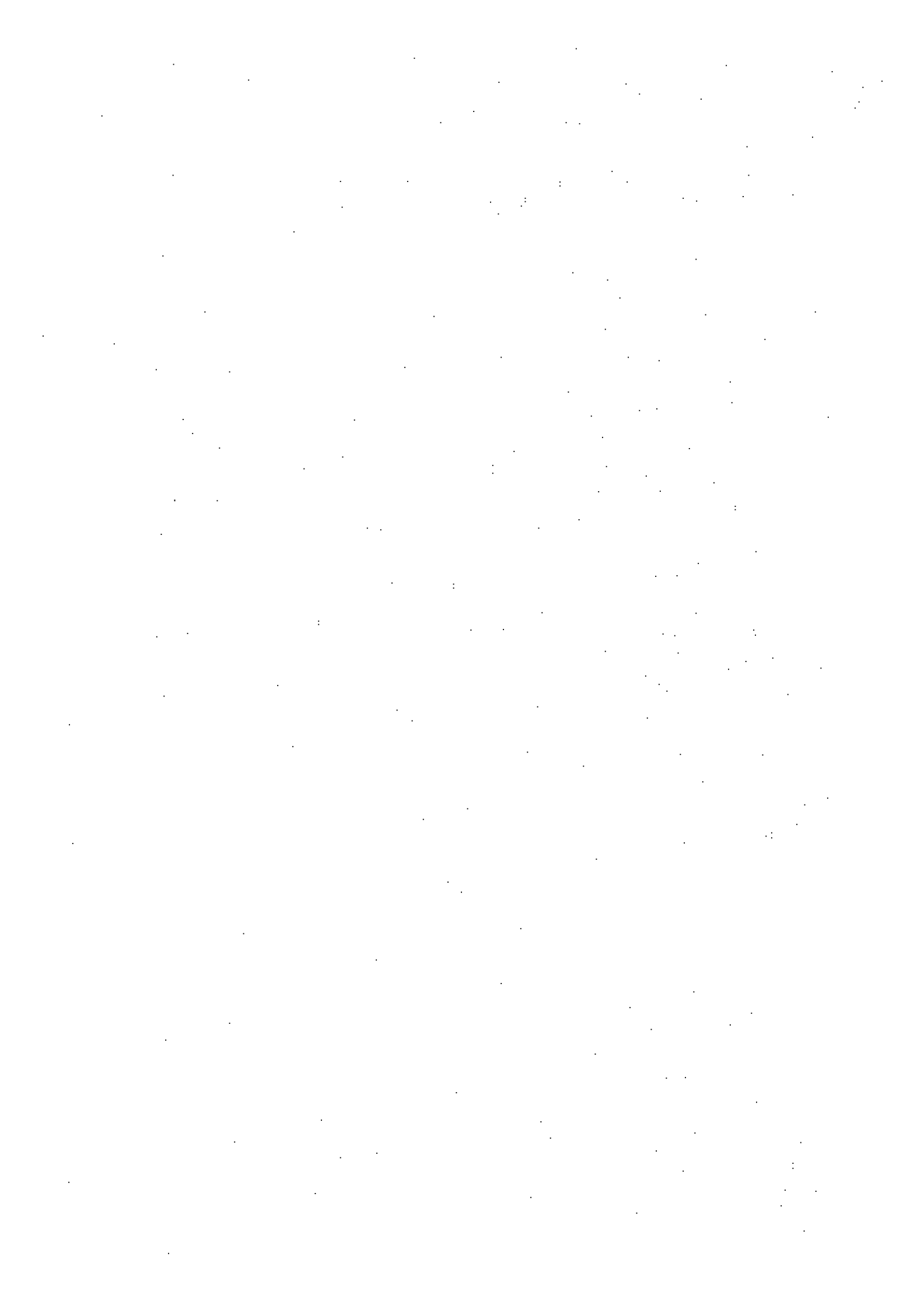


CALCULATION SHEET FOR INCLINOMETER

X-1 : B axis

DATE: Dec. 5, 1989

DEPTH	B(I)	T/B(I)	B(0)	B(180)	B(n)	T/B(n)	T/B(n)	B(n)
	AUG. 23, 1989	Dec. 5, 1989					-T/B(I)	-B(I)
0.5	-0.396	-6.924						
1.0	-0.370	-6.528						
1.5	-0.158	-6.158						
2.0	-0.058	-6.000						
2.5	-0.034	-5.942						
3.0	0.035	-5.908	0.0034	0.0024	0.010	-7.897	-1.989	-0.025
3.5	0.049	-5.943	0.0075	-0.0012	0.087	-7.907	-1.964	0.038
4.0	0.047	-5.992	0.0076	-0.0017	0.093	-7.994	-2.002	0.046
4.5	0.052	-6.039	0.0016	0.0042	-0.026	-8.087	-2.048	-0.078
5.0	-0.023	-6.091	-0.0066	0.0126	-0.192	-8.061	-1.970	-0.169
5.5	-0.072	-6.068	-0.0044	0.0104	-0.148	-7.869	-1.801	-0.076
6.0	-0.110	-5.996	-0.0044	0.0107	-0.151	-7.721	-1.725	-0.041
6.5	-0.146	-5.886	-0.0033	0.0094	-0.127	-7.570	-1.684	0.019
7.0	-0.168	-5.740	-0.0013	0.0076	-0.089	-7.443	-1.703	0.079
7.5	-0.203	-5.572	-0.0047	0.0106	-0.153	-7.354	-1.782	0.050
8.0	-0.238	-5.369	-0.0099	0.0164	-0.263	-7.201	-1.832	-0.025
8.5	-0.228	-5.131	-0.0096	0.0158	-0.254	-6.938	-1.807	-0.026
9.0	-0.236	-4.903	-0.0098	0.0160	-0.258	-6.684	-1.781	-0.022
9.5	-0.245	-4.667	-0.0148	0.0204	-0.352	-6.426	-1.759	-0.107
10.0	-0.268	-4.422	-0.0549	0.0616	-1.165	-6.074	-1.652	-0.897
10.5	0.120	-4.154	-0.0349	0.0449	-0.798	-4.909	-0.755	-0.918
11.0	0.111	-4.274	0.0138	-0.0070	0.208	-4.111	0.163	0.097
11.5	0.065	-4.385	0.0167	-0.0109	0.276	-4.319	0.066	0.211
12.0	0.043	-4.450	0.0001	0.0059	-0.058	-4.595	-0.145	-0.101
12.5	0.042	-4.493	0.0000	0.0065	-0.065	-4.537	-0.044	-0.107
13.0	0.031	-4.535	0.0040	0.0024	0.016	-4.472	0.063	-0.015
13.5	-0.095	-4.566	-0.0004	0.0068	-0.070	-4.488	0.078	0.025
14.0	-0.161	-4.471	-0.0045	0.0112	-0.157	-4.418	0.053	0.004
14.5	-0.225	-4.310	-0.0065	0.0131	-0.196	-4.261	0.049	0.029
15.0	-0.271	-4.085	-0.0077	0.0142	-0.219	-4.065	0.020	0.052
15.5	-0.311	-3.814	-0.0092	0.0160	-0.252	-3.846	-0.032	0.059
16.0	-0.303	-3.503	-0.0106	0.0169	-0.275	-3.594	-0.091	0.028
16.5	-0.046	-3.200	-0.0026	0.0085	-0.111	-3.319	-0.119	-0.065
17.0	-0.130	-3.154	-0.0026	0.0087	-0.113	-3.208	-0.054	0.017
17.5	-0.299	-3.024	-0.0119	0.0187	-0.306	-3.095	-0.071	-0.007
18.0	-0.279	-2.725	-0.0108	0.0174	-0.282	-2.789	-0.064	-0.003
18.5	-0.261	-2.446	-0.0083	0.0150	-0.233	-2.507	-0.061	0.028
19.0	-0.188	-2.185	-0.0054	0.0121	-0.175	-2.274	-0.089	0.013
19.5	-0.204	-1.997	-0.0071	0.0140	-0.211	-2.099	-0.102	-0.007
20.0	-0.315	-1.793	-0.0143	0.0213	-0.356	-1.888	-0.095	-0.041
20.5	-0.345	-1.478	-0.0157	0.0225	-0.382	-1.532	-0.054	-0.037
21.0	-0.363	-1.133	-0.0160	0.0229	-0.389	-1.150	-0.017	-0.026
21.5	-0.393	-0.770	-0.0163	0.0231	-0.394	-0.761	0.009	-0.001
22.0	-0.377	-0.377	-0.0149	0.0218	-0.367	-0.367	0.010	0.010



CALCULATION SHEET FOR INCLINOMETER

X-1 : B axis DATE : Dec. 15, 1989

DEPTH	B(I)	T/B(I)	B(0)	B(180)	B(n)	T/B(n)	T/B(n)	B(n)
	AUG. 23, 1989		Dec. 15, 1989				-T/B(I)	-B(I)
0.5	-0.396	-2.502						
1.0	-0.370	-2.106						
1.5	-0.158	-1.736						
2.0	-0.058	-1.578						
2.5	-0.034	-1.520						
3.0	0.035	-1.486	0.0051	0.0034	0.017	-2.498	-1.012	-0.018
3.5	0.049	-1.521	0.0080	0.0003	0.077	-2.515	-0.994	0.028
4.0	0.047	-1.570	0.0072	0.0013	0.059	-2.592	-1.022	0.012
4.5	0.052	-1.617	-0.0062	0.0145	-0.207	-2.651	-1.034	-0.259
5.0	-0.023	-1.669	-0.0114	0.0204	-0.318	-2.444	-0.775	-0.295
5.5	-0.072	-1.646	-0.0050	0.0140	-0.190	-2.126	-0.480	-0.118
6.0	-0.110	-1.574	-0.0069	0.0156	-0.225	-1.936	-0.362	-0.115
6.5	-0.146	-1.464	-0.0023	0.0111	-0.134	-1.711	-0.247	0.012
7.0	-0.168	-1.318	0.0020	0.0066	-0.046	-1.577	-0.259	0.122
7.5	-0.203	-1.150	-0.0048	0.0135	-0.183	-1.531	-0.381	0.020
8.0	-0.238	-0.947	-0.0091	0.0179	-0.270	-1.348	-0.401	-0.032
8.5	-0.228	-0.709	-0.0091	0.0178	-0.269	-1.078	-0.369	-0.041
9.0	-0.236	-0.481	-0.0099	0.0190	-0.289	-0.809	-0.328	-0.053
9.5	-0.245	-0.245	-0.0192	0.0328	-0.520	-0.520	-0.275	-0.275

CALCULATION SHEET FOR INCLINOMETER

X-1 : B axis. DATE :Dec. 25, 1989

DEPTH	B(I)	T/B(I)	B(0)	B(180)	B(n)	T/B(n)	T/B(n)	B(n)
	AUG. 23, 1989	Dec. 25, 1989					-T/B(I)	-B(I)
0.5	-0.396	-2.502						
1.0	-0.370	-2.106						
1.5	-0.158	-1.736						
2.0	-0.058	-1.578						
2.5	-0.034	-1.520						
3.0	0.035	-1.486	0.0036	-0.0023	0.059	-2.268	-0.782	0.024
3.5	0.049	-1.521	0.0060	-0.0052	0.112	-2.327	-0.806	0.063
4.0	0.047	-1.570	0.0028	-0.0034	0.062	-2.439	-0.869	0.015
4.5	0.052	-1.617	-0.0167	0.0117	-0.284	-2.501	-0.884	-0.336
5.0	-0.023	-1.669	-0.0209	0.0186	-0.395	-2.217	-0.548	-0.372
5.5	-0.072	-1.646	-0.0096	0.0093	-0.189	-1.822	-0.176	-0.117
6.0	-0.110	-1.574	-0.0127	0.0124	-0.251	-1.633	-0.059	-0.141
6.5	-0.146	-1.464	-0.0048	0.0059	-0.107	-1.382	0.082	0.039
7.0	-0.168	-1.318	0.0031	-0.0025	0.056	-1.275	0.043	0.224
7.5	-0.203	-1.150	-0.0064	0.0071	-0.135	-1.331	-0.181	0.068
8.0	-0.238	-0.947	-0.0109	0.0114	-0.223	-1.196	-0.249	0.015
8.5	-0.228	-0.709	-0.0112	0.0119	-0.231	-0.973	-0.264	-0.003
9.0	-0.236	-0.481	-0.0131	0.0139	-0.270	-0.742	-0.261	-0.034
9.5	-0.245	-0.245	-0.0225	0.0247	-0.472	-0.472	-0.227	-0.227



CALCULATION SHEET FOR INCLINOMETER

X-1 : B axis DATE : Jan. 4, 1990

DEPTH	B(I)	T/B(I)	B(0)	B(180)	B(n)	T/B(n)	T/B(n)	B(n)
	AUG. 23, 1989		Jan. 4, 1990				-T/B(I)	-E(I)
0.5	-0.396	-2.502						
1.0	-0.370	-2.106						
1.5	-0.158	-1.736						
2.0	-0.058	-1.578						
2.5	-0.034	-1.520						
3.0	0.035	-1.486	0.0052	0.0011	0.041	-3.182	-1.696	0.006
3.5	0.049	-1.521	0.0070	-0.0008	0.078	-3.223	-1.702	0.029
4.0	0.047	-1.570	0.0025	0.0037	-0.012	-3.301	-1.731	-0.059
4.5	0.052	-1.617	-0.0208	0.0272	-0.480	-3.289	-1.672	-0.532
5.0	-0.023	-1.669	-0.0233	0.0296	-0.529	-2.809	-1.140	-0.506
5.5	-0.072	-1.646	-0.0095	0.0163	-0.258	-2.280	-0.634	-0.186
6.0	-0.110	-1.574	-0.0132	0.0195	-0.327	-2.022	-0.448	-0.217
6.5	-0.146	-1.464	-0.0036	0.0093	-0.129	-1.695	-0.231	0.017
7.0	-0.168	-1.318	0.0048	0.0015	0.033	-1.566	-0.248	0.201
7.5	-0.203	-1.150	-0.0059	0.0124	-0.183	-1.599	-0.449	0.020
8.0	-0.238	-0.947	-0.0095	0.0162	-0.257	-1.416	-0.469	-0.019
8.5	-0.228	-0.709	-0.0106	0.0171	-0.277	-1.159	-0.450	-0.049
9.0	-0.236	-0.481	-0.0130	0.0202	-0.332	-0.882	-0.401	-0.096
9.5	-0.245	-0.245	-0.0238	0.0312	-0.550	-0.550	-0.305	-0.305



CALCULATION SHEET FOR INCLINOMETER

X-1 : B axis DATE : Jan. 19, 1990

DEPTH	B(I)	T/B(I)	B(0)	B(180)	B(n)	T/B(n)	T/E(n)	B(n)
	AUG. 23, 1989	Jan. 19, 1990					-T/B(I)	-B(I)
0.5	-0.396	-2.502						
1.0	-0.370	-2.106						
1.5	-0.158	-1.736						
2.0	-0.058	-1.578						
2.5	-0.034	-1.520						
3.0	0.035	-1.486	0.0056	0.0001	0.055	-3.397	-1.911	0.020
3.5	0.049	-1.521	0.0068	-0.0009	0.077	-3.452	-1.931	0.028
4.0	0.047	-1.570	0.0000	0.0049	-0.049	-3.529	-1.959	-0.096
4.5	0.052	-1.617	-0.0268	0.0329	-0.597	-3.480	-1.863	-0.649
5.0	-0.023	-1.669	-0.0268	0.0325	-0.593	-2.883	-1.214	-0.570
5.5	-0.072	-1.646	-0.0108	0.0169	-0.277	-2.290	-0.644	-0.205
6.0	-0.110	-1.574	-0.0133	0.0192	-0.325	-2.013	-0.439	-0.215
6.5	-0.146	-1.464	-0.0038	0.0095	-0.133	-1.688	-0.224	0.013
7.0	-0.163	-1.318	0.0041	0.0016	0.025	-1.555	-0.237	0.193
7.5	-0.203	-1.150	-0.0067	0.0121	-0.138	-1.580	-0.430	0.015
8.0	-0.233	-0.947	-0.0098	0.0154	-0.252	-1.392	-0.445	-0.014
8.5	-0.228	-0.709	-0.0115	0.0172	-0.287	-1.140	-0.431	-0.059
9.0	-0.236	-0.481	-0.0148	0.0208	-0.356	-0.853	-0.372	-0.120
9.5	-0.245	-0.245	-0.0213	0.0284	-0.497	-0.497	-0.252	-0.252



CALCULATION SHEET FOR INCLINOMETER

X-1 : B axis DATE : Feb. 2, 1990

DEPTH	B(I)	T/B(I)	B(0)	B(180)	B(n)	T/B(n)	T/B(n)	B(I)
	Aug. 23, 1989		Feb. 2, 1990				-T/B(I)	-B(I)
0.5	-0.396	-0.923						
1.0	-0.370	-0.527						
1.5	-0.158	-0.157						
2.0	-0.058	0.001						
2.5	-0.034	0.059						
3.0	0.035	0.093	0.035	-5.828	58.630	1329.910	1329.817	58.6
3.5	0.049	0.058	0.049	-5.863	59.120	1271.280	1271.222	59.0
4.0	0.047	0.009	0.047	-5.912	59.590	1212.160	1212.151	59.5
4.5	0.052	-0.038	0.052	-5.959	60.110	1152.570	1152.608	60.0
5.0	-0.023	-0.090	-0.023	-6.011	120.220	1092.460	1092.550	120.2
5.5	-0.072	-0.067	-0.072	-5.988	119.760	972.240	972.307	119.8
6.0	-0.110	0.005	-0.110	-5.916	118.320	852.480	852.475	118.3
6.5	-0.146	0.115	-0.146	-5.806	116.120	734.160	734.045	116.1
7.0	-0.168	0.261	-0.168	-5.660	113.200	618.040	617.779	113.2
7.5	-0.203	0.429	-0.203	-5.492	109.840	504.840	504.411	110.0
8.0	-0.238	0.632	-0.238	-5.289	105.780	395.000	394.368	106.0
8.5	-0.228	0.870	-0.228	-5.051	101.020	289.220	288.350	101.0
9.0	-0.236	1.098	-0.236	-4.823	96.460	188.200	187.102	96.4
9.5	-0.245	1.334	-0.245	-4.587	91.740	91.740	90.406	91.7

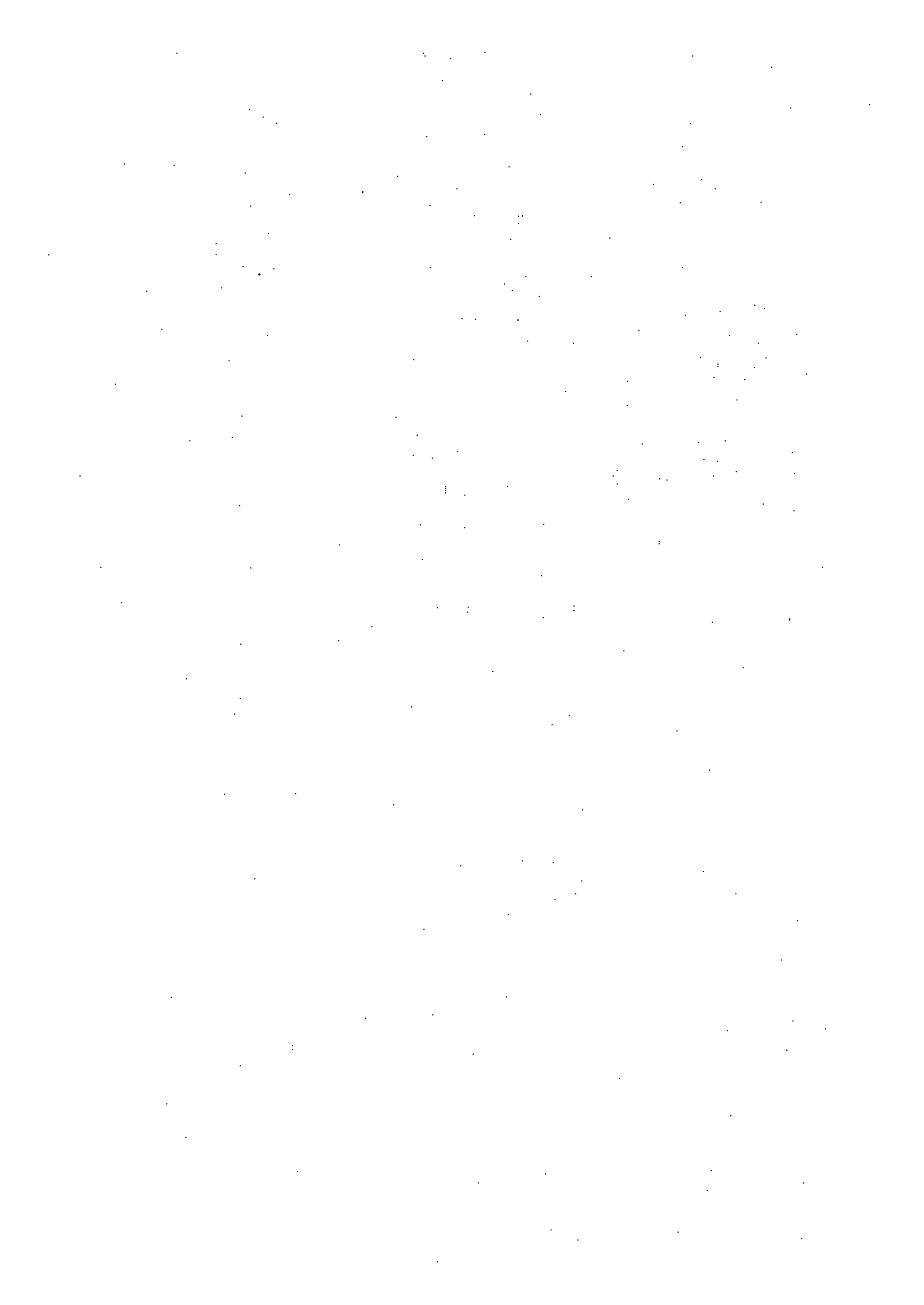


CALCULATION SHEET FOR INCLINOMETER

X-1 : B axis

DATE: FEB 7, 1990

DEPTH	B(I)	T/B(I)	B(0)	B(180)	B(n)	T/B(n)	T/B(n)	B(n)
	AUG. 23, 1		FEB. 7, 1990				-T/B(I)	-B(I)
0.5	-0.396		-0.923					
1.0	-0.370		-0.527					
1.5	-0.158		-0.157					
2.0	-0.058		0.001					
2.5	-0.034		0.059					
3.0	0.035	0.093	0.035	-5.828	58.630	1331.096	1331.003	58.6
3.5	0.049	0.058	0.049	-5.863	59.120	1272.466	1272.408	59.0
4.0	0.047	0.009	0.047	-5.912	59.590	1213.346	1213.337	59.5
4.5	0.052	-0.038	0.052	-5.959	60.110	1153.756	1153.794	60.0
5.0	-0.023	-0.090	-0.023	-6.011	120.220	1093.646	1093.736	120.2
5.5	-0.072	-0.067	-0.072	-5.988	119.760	973.426	973.493	119.8
6.0	-0.110	0.005	-0.110	-5.916	118.320	853.666	853.661	118.3
6.5	-0.146	0.115	-0.146	-5.806	116.120	735.346	735.231	116.1
7.0	-0.168	0.261	-0.168	-5.660	113.200	619.226	618.965	113.2
7.5	-0.203	0.429	-0.203	-5.492	109.840	506.026	505.597	109.8
8.0	-0.238	0.632	-0.238	-5.289	105.780	396.186	395.554	105.7
8.5	-0.228	0.870	-0.228	-5.051	101.020	290.406	289.536	101.0
9.0	-0.236	1.098	-0.236	-4.882	97.646	189.386	188.288	97.6
9.5	-0.245	1.334	-0.245	-4.587	91.740	91.740	90.406	91.7



INITIAL READING OF INCLINOMETERS

HOLE No. X-3 DATE : Sep. 11, 1989

DEPTH (m)	A(0)	A(180)	A(I) (cm)	T/A(I)	B(0)	B(180)	B(I) (cm)	T/B(I)
0.5	0.0109	-0.0111	0.220	23.431	-0.0279	0.0300	-0.579	-25.334
1.0	0.0090	-0.0092	0.182	23.211	-0.0288	0.0308	-0.596	-24.755
1.5	0.0073	-0.0076	0.149	23.029	-0.0293	0.0311	-0.604	-24.159
2.0	0.0094	-0.0101	0.195	22.880	-0.0277	0.0291	-0.568	-23.555
2.5	0.0234	-0.0236	0.470	22.685	-0.0126	0.0146	-0.272	-22.987
3.0	0.0230	-0.0230	0.460	22.215	-0.0120	0.0140	-0.260	-22.715
3.5	0.0222	-0.0224	0.446	21.755	-0.0116	0.0136	-0.252	-22.455
4.0	0.0229	-0.0232	0.461	21.309	-0.0121	0.0140	-0.261	-22.203
4.5	0.0229	-0.0229	0.458	20.848	-0.0115	0.0134	-0.249	-21.942
5.0	0.0212	-0.0217	0.429	20.390	-0.0127	0.0135	-0.262	-21.693
5.5	0.0173	-0.0173	0.346	19.961	-0.0191	0.0211	-0.402	-21.431
6.0	0.0193	-0.0194	0.387	19.615	-0.0185	0.0202	-0.387	-21.029
6.5	0.0214	-0.0215	0.429	19.228	-0.0217	0.0233	-0.450	-20.642
7.0	0.0215	-0.0216	0.431	18.799	-0.0233	0.0251	-0.484	-20.192
7.5	0.0213	-0.0215	0.428	18.368	-0.0248	0.0264	-0.512	-19.708
8.0	0.0207	-0.0217	0.424	17.940	-0.0256	0.0272	-0.528	-19.196
8.5	0.0225	-0.0226	0.451	17.516	-0.0159	0.0176	-0.335	-18.668
9.0	0.0245	-0.0246	0.491	17.065	-0.0186	0.0201	-0.387	-18.333
9.5	0.0253	-0.0254	0.507	16.574	-0.0187	0.0204	-0.391	-17.946
10.0	0.0252	-0.0253	0.505	16.067	-0.0173	0.0189	-0.362	-17.555
10.5	0.0240	-0.0241	0.481	15.562	-0.0155	0.0175	-0.330	-17.193
11.0	0.0221	-0.0225	0.446	15.081	-0.0164	0.0176	-0.340	-16.863
11.5	0.0309	-0.0309	0.618	14.635	-0.0192	0.0209	-0.401	-16.523
12.0	0.0308	-0.0309	0.617	14.017	-0.0208	0.0223	-0.431	-16.122
12.5	0.0286	-0.0285	0.571	13.400	-0.0193	0.0206	-0.399	-15.691
13.0	0.0245	-0.0245	0.490	12.829	-0.0187	0.0203	-0.390	-15.292
13.5	0.0261	-0.0261	0.522	12.339	-0.0259	0.0283	-0.552	-14.902
14.0	0.0273	-0.0276	0.549	11.817	-0.0300	0.0310	-0.610	-14.350
14.5	0.0171	-0.0170	0.341	11.268	-0.0174	0.0189	-0.363	-13.740
15.0	0.0155	-0.0156	0.311	10.927	-0.0171	0.0186	-0.357	-13.377
15.5	0.0108	-0.0108	0.216	10.616	-0.0164	0.0181	-0.345	-13.020
16.0	0.0118	-0.0117	0.235	10.400	-0.0159	0.0112	-0.271	-12.675
16.5	0.0170	-0.0171	0.341	10.165	-0.0156	0.0174	-0.330	-12.404
17.0	0.0193	-0.0194	0.387	9.824	-0.0169	0.0180	-0.349	-12.074
17.5	0.0147	-0.0148	0.295	9.437	-0.0223	0.0238	-0.461	-11.725
18.0	0.0146	-0.0145	0.291	9.142	-0.0166	0.0181	-0.347	-11.264
18.5	0.0139	-0.0139	0.278	8.851	-0.0193	0.0205	-0.398	-10.917
19.0	0.0090	-0.0089	0.179	8.573	-0.0214	0.0231	-0.445	-10.519
19.5	0.0141	-0.0139	0.280	8.394	-0.0206	0.0219	-0.425	-10.074
20.0	0.0203	-0.0205	0.408	8.114	-0.0218	0.0235	-0.453	-9.649
20.5	0.0363	-0.0371	0.734	7.706	-0.0257	0.0273	-0.530	-9.196
21.0	0.0381	-0.0382	0.763	6.972	-0.0271	0.0285	-0.556	-8.666
21.5	0.0373	-0.0373	0.746	6.209	-0.0270	0.0289	-0.559	-8.110
22.0	0.0368	-0.0369	0.737	5.463	-0.0282	0.0296	-0.578	-7.551
22.5	0.0380	-0.0381	0.761	4.726	-0.0298	0.0315	-0.613	-6.973
23.0	0.0386	-0.0387	0.773	3.965	-0.0328	0.0336	-0.664	-6.360
23.5	0.0226	-0.0231	0.457	3.192	-0.0410	0.0427	-0.837	-5.696
24.0	0.0251	-0.0251	0.502	2.735	-0.0448	0.0464	-0.912	-4.859
24.5	0.0251	-0.0251	0.502	2.233	-0.0461	0.0473	-0.934	-3.947
25.0	0.0237	-0.0238	0.475	1.731	-0.0440	0.0457	-0.897	-3.013
25.5	0.0207	-0.0208	0.415	1.256	-0.0402	0.0415	-0.817	-2.116
26.0	0.0160	-0.0164	0.324	0.841	-0.0348	0.0354	-0.702	-1.299
26.5	0.0038	-0.0038	0.076	0.517	-0.0157	0.0173	-0.330	-0.597
27.0	0.0025	-0.0026	0.051	0.441	-0.0124	0.0138	-0.262	-0.267
27.5	0.0044	-0.0045	0.089	0.390	-0.0083	0.0098	-0.181	-0.005
28.0	0.0059	-0.0059	0.118	0.301	-0.0001	0.0012	-0.013	0.176
28.5	0.0090	-0.0093	0.183	0.183	0.0100	-0.0089	0.189	0.189



CALCULATION SHEET FOR INCLINOMETER

X-3.: B axis DATE : Oct. 23, 1989

DEPTH	B(I) Sep. 11 1989	T/B(I) 1989	B(0) Oct. 23, 1989	B(180)	B(n)	T/B(n)	T/B(n) -T/B(I)	B(n) -B(I)
0.5	-0.579	-25.334	-0.0246	0.0312	-0.558	-25.946	-0.612	0.021
1.0	-0.596	-24.755	-0.0260	0.0321	-0.581	-25.288	-0.633	0.015
1.5	-0.604	-24.159	-0.0277	0.0337	-0.614	-24.807	-0.648	-0.010
2.0	-0.568	-23.555	-0.0236	0.0297	-0.533	-24.193	-0.538	0.035
2.5	-0.272	-22.987	-0.0109	0.0170	-0.279	-23.660	-0.673	-0.007
3.0	-0.260	-22.715	-0.0106	0.0166	-0.272	-23.381	-0.666	-0.012
3.5	-0.252	-22.455	-0.0108	0.0167	-0.275	-23.109	-0.654	-0.023
4.0	-0.261	-22.203	-0.0109	0.0168	-0.277	-22.834	-0.631	-0.016
4.5	-0.249	-21.942	-0.0076	0.0156	-0.232	-22.557	-0.615	0.017
5.0	-0.262	-21.693	-0.0127	0.0174	-0.301	-22.325	-0.632	-0.039
5.5	-0.402	-21.431	-0.0182	0.0240	-0.422	-22.024	-0.593	-0.020
6.0	-0.387	-21.029	-0.0173	0.0234	-0.407	-21.602	-0.573	-0.020
6.5	-0.450	-20.642	-0.0203	0.0262	-0.465	-21.195	-0.553	-0.015
7.0	-0.484	-20.192	-0.0220	0.0281	-0.501	-20.730	-0.538	-0.017
7.5	-0.512	-19.703	-0.0237	0.0296	-0.533	-20.229	-0.521	-0.021
8.0	-0.528	-19.196	-0.0234	0.0282	-0.516	-19.696	-0.500	0.012
8.5	-0.335	-18.668	-0.0142	0.0203	-0.345	-19.180	-0.512	-0.010
9.0	-0.387	-18.333	-0.0173	0.0234	-0.407	-18.835	-0.502	-0.020
9.5	-0.391	-17.946	-0.0169	0.0228	-0.397	-18.428	-0.482	-0.006
10.0	-0.362	-17.555	-0.0156	0.0215	-0.371	-18.031	-0.476	-0.009
10.5	-0.330	-17.193	-0.0140	0.0201	-0.341	-17.660	-0.467	-0.011
11.0	-0.340	-16.863	-0.0163	0.0208	-0.371	-17.319	-0.456	-0.031
11.5	-0.401	-16.523	-0.0177	0.0236	-0.413	-16.948	-0.425	-0.012
12.0	-0.431	-16.122	-0.0199	0.0258	-0.457	-16.535	-0.413	-0.026
12.5	-0.399	-15.691	-0.0168	0.0224	-0.392	-16.078	-0.387	0.007
13.0	-0.390	-15.292	-0.0187	0.0242	-0.429	-15.686	-0.394	-0.039
13.5	-0.552	-14.902	-0.0263	0.0328	-0.591	-15.257	-0.355	-0.039
14.0	-0.610	-14.350	-0.0256	0.0318	-0.574	-14.666	-0.316	0.036
14.5	-0.363	-13.740	-0.0157	0.0216	-0.373	-14.092	-0.352	-0.010
15.0	-0.357	-13.377	-0.0155	0.0214	-0.369	-13.719	-0.342	-0.012
15.5	-0.345	-13.020	-0.0149	0.0206	-0.355	-13.350	-0.330	-0.010
16.0	-0.271	-12.675	-0.0139	0.0197	-0.336	-12.995	-0.320	-0.065
16.5	-0.330	-12.404	-0.0151	0.0208	-0.359	-12.659	-0.255	-0.029
17.0	-0.349	-12.074	-0.0175	0.0234	-0.409	-12.300	-0.226	-0.060
17.5	-0.461	-11.725	-0.0195	0.0249	-0.444	-11.891	-0.166	0.017
18.0	-0.347	-11.264	-0.0141	0.0197	-0.338	-11.447	-0.183	0.009
18.5	-0.398	-10.917	-0.0191	0.0249	-0.440	-11.109	-0.192	-0.042
19.0	-0.445	-10.519	-0.0200	0.0254	-0.454	-10.669	-0.150	-0.009
19.5	-0.425	-10.074	-0.0176	0.0234	-0.410	-10.215	-0.141	0.015
20.0	-0.453	-9.649	-0.0208	0.0268	-0.476	-9.805	-0.156	-0.023
20.5	-0.530	-9.196	-0.0258	0.0314	-0.572	-9.329	-0.133	-0.042
21.0	-0.556	-8.666	-0.0277	0.0334	-0.611	-8.757	-0.091	-0.055
21.5	-0.559	-8.110	-0.0273	0.0329	-0.602	-8.146	-0.036	-0.043
22.0	-0.578	-7.551	-0.0269	0.0328	-0.597	-7.544	0.007	-0.019
22.5	-0.613	-6.973	-0.0287	0.0346	-0.633	-6.947	0.026	-0.020
23.0	-0.664	-6.360	-0.0320	0.0380	-0.700	-6.314	0.046	-0.036
23.5	-0.837	-5.696	-0.0410	0.0462	-0.872	-5.614	0.082	-0.035
24.0	-0.912	-4.859	-0.0442	0.0499	-0.941	-4.742	0.117	-0.029
24.5	-0.934	-3.947	-0.0446	0.0501	-0.947	-3.801	0.146	-0.013
25.0	-0.897	-3.013	-0.0413	0.0469	-0.882	-2.854	0.159	0.015
25.5	-0.817	-2.116	-0.0372	0.0428	-0.800	-1.972	0.144	0.017
26.0	-0.702	-1.299	-0.0298	0.0349	-0.647	-1.172	0.127	0.055
26.5	-0.330	-0.597	-0.0137	0.0192	-0.329	-0.525	0.072	0.001
27.0	-0.262	-0.267	-0.0112	0.0166	-0.278	-0.196	0.071	-0.016
27.5	-0.181	-0.005	-0.0057	0.0111	-0.168	0.082	0.087	0.013
28.0	-0.013	0.176	0.0038	0.0015	0.023	0.250	0.074	0.036
28.5	0.189	0.189	0.0138	-0.0039	0.227	0.227	0.038	0.038

CALCULATION SHEET FOR INCLINOMETER

X-3 : B axis DATE : Nov. 20, 1989

DEPTH	B(I) Sep. 11	T/B(I) 1989	B(0) Nov. 20,	B(180) 1989	B(n)	T/B(n)	T/B(n) -T/B(I)	B(n) -B(I)
0.5	-0.579	-25.334	-0.0266	0.0310	-0.576	-26.706	-1.372	0.003
1.0	-0.596	-24.755	-0.0263	0.0308	-0.571	-26.130	-1.375	0.025
1.5	-0.604	-24.159	-0.0255	0.0300	-0.555	-25.559	-1.400	0.049
2.0	-0.568	-23.555	-0.0241	0.0281	-0.522	-25.004	-1.449	0.046
2.5	-0.272	-22.987	-0.0112	0.0158	-0.270	-24.482	-1.495	0.002
3.0	-0.260	-22.715	-0.0106	0.0153	-0.259	-24.212	-1.497	0.001
3.5	-0.252	-22.455	-0.0107	0.0154	-0.261	-23.953	-1.498	-0.009
4.0	-0.261	-22.203	-0.0109	0.0155	-0.264	-23.692	-1.489	-0.003
4.5	-0.249	-21.942	-0.0096	0.0142	-0.238	-23.428	-1.486	0.011
5.0	-0.262	-21.693	-0.0128	0.0159	-0.287	-23.190	-1.497	-0.025
5.5	-0.402	-21.431	-0.0180	0.0227	-0.407	-22.903	-1.472	-0.005
6.0	-0.387	-21.029	-0.0175	0.0219	-0.394	-22.496	-1.467	-0.007
6.5	-0.450	-20.642	-0.0203	0.0247	-0.450	-22.102	-1.460	0.000
7.0	-0.484	-20.192	-0.0221	0.0265	-0.486	-21.652	-1.460	-0.002
7.5	-0.512	-19.708	-0.0237	0.0281	-0.518	-21.166	-1.458	-0.006
8.0	-0.528	-19.196	-0.0229	0.0272	-0.501	-20.648	-1.452	0.027
8.5	-0.335	-18.668	-0.0143	0.0187	-0.330	-20.147	-1.479	0.005
9.0	-0.387	-18.333	-0.0173	0.0218	-0.391	-19.817	-1.484	-0.004
9.5	-0.391	-17.946	-0.0170	0.0215	-0.385	-19.426	-1.480	0.006
10.0	-0.362	-17.555	-0.0154	0.0201	-0.355	-19.041	-1.486	0.007
10.5	-0.330	-17.193	-0.0140	0.0186	-0.326	-18.686	-1.493	0.004
11.0	-0.340	-16.863	-0.0161	0.0193	-0.354	-18.360	-1.497	-0.014
11.5	-0.401	-16.523	-0.0222	0.0222	-0.444	-18.006	-1.483	-0.043
12.0	-0.431	-16.122	-0.0242	0.0242	-0.484	-17.562	-1.440	-0.053
12.5	-0.399	-15.691	-0.0215	0.0214	-0.429	-17.073	-1.387	-0.030
13.0	-0.390	-15.292	-0.0221	0.0223	-0.444	-16.649	-1.357	-0.054
13.5	-0.552	-14.902	-0.0310	0.0308	-0.618	-16.205	-1.303	-0.066
14.0	-0.610	-14.350	-0.0321	0.0308	-0.629	-15.587	-1.237	-0.019
14.5	-0.363	-13.740	-0.0204	0.0200	-0.404	-14.958	-1.218	-0.041
15.0	-0.357	-13.377	-0.0202	0.0200	-0.402	-14.554	-1.177	-0.045
15.5	-0.345	-13.020	-0.0198	0.0193	-0.391	-14.152	-1.132	-0.046
16.0	-0.271	-12.675	-0.0187	0.0183	-0.370	-13.761	-1.086	-0.099
16.5	-0.330	-12.404	-0.0194	0.0194	-0.388	-13.391	-0.987	-0.058
17.0	-0.349	-12.074	-0.0212	0.0215	-0.427	-13.003	-0.929	-0.078
17.5	-0.461	-11.725	-0.0240	0.0239	-0.479	-12.576	-0.851	-0.018
18.0	-0.347	-11.264	-0.0185	0.0182	-0.367	-12.097	-0.833	-0.020
18.5	-0.398	-10.917	-0.0232	0.0229	-0.461	-11.730	-0.813	-0.063
19.0	-0.445	-10.519	-0.0247	0.0244	-0.491	-11.269	-0.750	-0.046
19.5	-0.425	-10.074	-0.0222	0.0219	-0.441	-10.778	-0.704	-0.016
20.0	-0.453	-9.649	-0.0246	0.0250	-0.496	-10.337	-0.688	-0.043
20.5	-0.530	-9.196	-0.0295	0.0302	-0.597	-9.841	-0.645	-0.067
21.0	-0.556	-8.666	-0.0313	0.0322	-0.635	-9.244	-0.578	-0.079
21.5	-0.559	-8.110	-0.0310	0.0317	-0.627	-8.609	-0.499	-0.068
22.0	-0.578	-7.551	-0.0310	0.0314	-0.624	-7.982	-0.431	-0.046
22.5	-0.613	-6.973	-0.0324	0.0332	-0.656	-7.358	-0.385	-0.043
23.0	-0.664	-6.360	-0.0350	0.0362	-0.712	-6.702	-0.342	-0.048
23.5	-0.837	-5.696	-0.0441	0.0451	-0.892	-5.990	-0.294	-0.055
24.0	-0.912	-4.859	-0.0485	0.0488	-0.973	-5.098	-0.239	-0.061
24.5	-0.934	-3.947	-0.0486	0.0492	-0.978	-4.125	-0.178	-0.044
25.0	-0.897	-3.013	-0.0455	0.0459	-0.914	-3.147	-0.134	-0.017
25.5	-0.817	-2.116	-0.0415	0.0416	-0.831	-2.233	-0.117	-0.014
26.0	-0.702	-1.299	-0.0346	0.0338	-0.684	-1.402	-0.103	0.018
26.5	-0.330	-0.597	-0.0174	0.0182	-0.356	-0.718	-0.121	-0.026
27.0	-0.262	-0.267	-0.0155	0.0158	-0.313	-0.362	-0.095	-0.051
27.5	-0.181	-0.005	-0.0110	0.0105	-0.215	-0.049	-0.044	-0.034
28.0	-0.013	0.176	-0.0009	0.0007	-0.016	0.166	-0.010	-0.003
28.5	0.189	0.189	0.0093	-0.0089	0.182	0.182	-0.007	-0.007



CALCULATION SHEET FOR INCLINOMETER

X-3 : E axis

DATE : Dec. 12, 1989

DEPTH	B(I) Sep. 11 1989	T/B(I) 1989	E(0) Dec. 12, 1989	B(180)	B(n)	T/B(n)	T/B(n) -T/B(I)	B(n) -B(I)
0.5	-0.579	-25.334	-0.0246	0.0302	-0.548	-25.132	0.202	0.031
1.0	-0.596	-24.755	-0.0241	0.0297	-0.538	-24.584	0.171	0.058
1.5	-0.604	-24.159	-0.0251	0.0305	-0.556	-24.046	0.113	0.048
2.0	-0.568	-23.555	-0.0200	0.0246	-0.446	-23.490	0.065	0.122
2.5	-0.272	-22.987	-0.0098	0.0155	-0.253	-23.044	-0.057	0.019
3.0	-0.260	-22.715	-0.0098	0.0154	-0.252	-22.791	-0.076	0.008
3.5	-0.252	-22.455	-0.0099	0.0155	-0.254	-22.539	-0.084	-0.002
4.0	-0.261	-22.203	-0.0099	0.0156	-0.255	-22.285	-0.082	0.006
4.5	-0.249	-21.942	-0.0091	0.0145	-0.236	-22.030	-0.088	0.013
5.0	-0.262	-21.693	-0.0138	0.0179	-0.317	-21.794	-0.101	-0.055
5.5	-0.402	-21.431	-0.0170	0.0226	-0.396	-21.477	-0.046	0.006
6.0	-0.387	-21.029	-0.0169	0.0223	-0.392	-21.081	-0.052	-0.005
6.5	-0.450	-20.642	-0.0200	0.0254	-0.454	-20.689	-0.047	-0.004
7.0	-0.484	-20.192	-0.0216	0.0272	-0.488	-20.235	-0.043	-0.004
7.5	-0.512	-19.708	-0.0231	0.0284	-0.515	-19.747	-0.039	-0.003
8.0	-0.528	-19.196	-0.0204	0.0252	-0.456	-19.232	-0.036	0.072
8.5	-0.335	-18.668	-0.0136	0.0195	-0.331	-18.776	-0.108	0.004
9.0	-0.387	-18.333	-0.0168	0.0225	-0.393	-18.445	-0.112	-0.006
9.5	-0.391	-17.946	-0.0155	0.0215	-0.370	-18.052	-0.106	0.021
10.0	-0.362	-17.555	-0.0146	0.0202	-0.348	-17.682	-0.127	0.014
10.5	-0.330	-17.193	-0.0131	0.0189	-0.320	-17.334	-0.141	0.010
11.0	-0.340	-16.863	-0.0168	0.0212	-0.380	-17.014	-0.151	-0.040
11.5	-0.401	-16.523	-0.0171	0.0229	-0.400	-16.634	-0.111	0.001
12.0	-0.431	-16.122	-0.0190	0.0248	-0.438	-16.234	-0.112	-0.007
12.5	-0.399	-15.691	-0.0152	0.0208	-0.358	-15.796	-0.105	0.041
13.0	-0.390	-15.292	-0.0184	0.0240	-0.424	-15.438	-0.146	-0.034
13.5	-0.552	-14.902	-0.0268	0.0324	-0.592	-15.014	-0.112	-0.040
14.0	-0.610	-14.350	-0.0230	0.0282	-0.512	-14.422	-0.072	0.098
14.5	-0.363	-13.740	-0.0144	0.0203	-0.347	-13.910	-0.170	0.016
15.0	-0.357	-13.377	-0.0146	0.0203	-0.349	-13.563	-0.186	0.008
15.5	-0.345	-13.020	-0.0137	0.0194	-0.331	-13.214	-0.194	0.014
16.0	-0.271	-12.675	-0.0129	0.0186	-0.315	-12.863	-0.208	-0.044
16.5	-0.330	-12.404	-0.0142	0.0200	-0.342	-12.563	-0.164	-0.012
17.0	-0.349	-12.074	-0.0182	0.0233	-0.415	-12.226	-0.152	-0.066
17.5	-0.461	-11.725	-0.0174	0.0226	-0.400	-11.811	-0.086	0.061
18.0	-0.347	-11.264	-0.0127	0.0184	-0.311	-11.411	-0.147	0.036
18.5	-0.398	-10.917	-0.0190	0.0248	-0.438	-11.100	-0.183	-0.040
19.0	-0.445	-10.519	-0.0182	0.0241	-0.423	-10.662	-0.143	0.022
19.5	-0.425	-10.074	-0.0163	0.0219	-0.382	-10.239	-0.165	0.043
20.0	-0.453	-9.649	-0.0209	0.0267	-0.476	-9.857	-0.208	-0.023
20.5	-0.550	-9.196	-0.0252	0.0309	-0.561	-9.381	-0.185	-0.031
21.0	-0.556	-8.666	-0.0270	0.0326	-0.596	-8.820	-0.154	-0.040
21.5	-0.559	-8.110	-0.0262	0.0319	-0.581	-8.224	-0.114	-0.022
22.0	-0.578	-7.551	-0.0263	0.0319	-0.582	-7.643	-0.092	-0.004
22.5	-0.613	-6.973	-0.0231	0.0341	-0.622	-7.061	-0.088	-0.009
23.0	-0.664	-6.360	-0.0321	0.0381	-0.702	-6.439	-0.079	-0.038
23.5	-0.837	-5.696	-0.0440	0.0465	-0.905	-5.737	-0.041	-0.068
24.0	-0.912	-4.859	-0.0477	0.0496	-0.973	-4.832	0.027	-0.061
24.5	-0.934	-3.947	-0.0479	0.0492	-0.971	-3.859	0.088	-0.037
25.0	-0.897	-3.013	-0.0437	0.0454	-0.891	-2.888	0.125	0.006
25.5	-0.817	-2.116	-0.0393	0.0412	-0.810	-1.997	0.119	0.007
26.0	-0.702	-1.299	-0.0306	0.0307	-0.613	-1.187	0.112	0.089
26.5	-0.330	-0.597	-0.0169	0.0183	-0.352	-0.574	0.023	-0.022
27.0	-0.262	-0.267	-0.0147	0.0162	-0.309	-0.222	0.045	-0.047
27.5	-0.181	-0.005	-0.0085	0.0095	-0.180	0.087	0.092	0.001
28.0	-0.013	0.176	0.0015	-0.0005	0.020	0.267	0.091	0.033
28.5	0.189	0.188	0.0136	-0.0111	0.247	0.247	0.058	0.058



CALCULATION SHEET FOR INCLINOMETER

X-3 : B axis DATE : Jan. 8, 1990

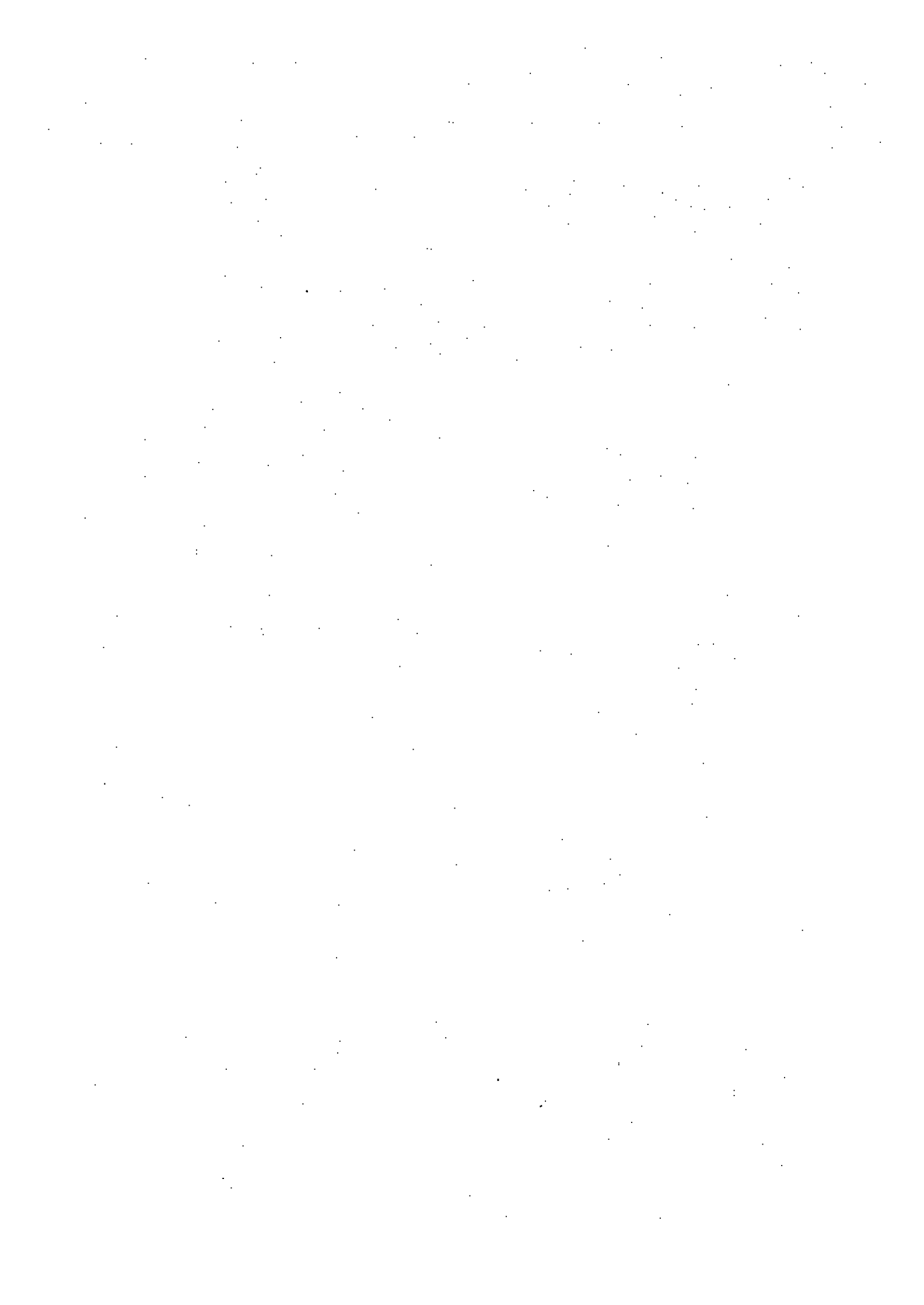
DEPTH	B(I) Sep. 11 1989	T/B(I)	E(O) Jan. 8, 1990	B(180)	P(n)	T/B(n)	T/B(n) -T/B(I)	B(n) -B(I)
0.5	-0.579	-25.334	-0.0223	0.0257	-0.480	-25.292	0.042	0.099
1.0	-0.596	-24.755	-0.0246	0.0278	-0.524	-24.812	-0.057	0.072
1.5	-0.604	-24.159	-0.0255	0.0286	-0.541	-24.288	-0.129	0.063
2.0	-0.568	-23.555	-0.0235	0.0257	-0.492	-23.747	-0.192	0.076
2.5	-0.272	-22.987	-0.0107	0.0139	-0.246	-23.255	-0.268	0.026
3.0	-0.260	-22.715	-0.0106	0.0139	-0.245	-23.009	-0.294	0.015
3.5	-0.252	-22.455	-0.0110	0.0140	-0.250	-22.764	-0.309	0.002
4.0	-0.261	-22.203	-0.0113	0.0146	-0.259	-22.514	-0.311	0.002
4.5	-0.249	-21.942	-0.0104	0.0136	-0.240	-22.255	-0.313	0.009
5.0	-0.262	-21.693	-0.0134	0.0150	-0.284	-22.015	-0.322	-0.022
5.5	-0.402	-21.431	-0.0183	0.0216	-0.399	-21.731	-0.300	0.003
6.0	-0.387	-21.029	-0.0178	0.0209	-0.387	-21.332	-0.303	0.000
6.5	-0.450	-20.642	-0.0209	0.0242	-0.451	-20.945	-0.303	-0.001
7.0	-0.484	-20.192	-0.0227	0.0257	-0.484	-20.494	-0.302	0.000
7.5	-0.512	-19.708	-0.0242	0.0275	-0.517	-20.010	-0.302	-0.005
8.0	-0.528	-19.196	-0.0228	0.0259	-0.487	-19.493	-0.297	0.041
8.5	-0.335	-18.668	-0.0150	0.0182	-0.332	-19.006	-0.338	0.003
9.0	-0.387	-18.333	-0.0177	0.0211	-0.388	-18.674	-0.341	-0.001
9.5	-0.391	-17.946	-0.0173	0.0204	-0.377	-18.286	-0.340	0.014
10.0	-0.362	-17.555	-0.0160	0.0194	-0.354	-17.909	-0.354	0.008
10.5	-0.330	-17.193	-0.0145	0.0178	-0.323	-17.555	-0.362	0.007
11.0	-0.340	-16.863	-0.0173	0.0195	-0.368	-17.232	-0.369	-0.028
11.5	-0.401	-16.523	-0.0183	0.0215	-0.398	-16.864	-0.341	0.003
12.0	-0.431	-16.122	-0.0204	0.0233	-0.437	-16.466	-0.344	-0.006
12.5	-0.399	-15.691	-0.0173	0.0208	-0.381	-16.029	-0.338	0.018
13.0	-0.390	-15.292	-0.0188	0.0218	-0.406	-15.548	-0.356	-0.016
13.5	-0.552	-14.902	-0.0272	0.0301	-0.573	-15.242	-0.340	-0.021
14.0	-0.610	-14.350	-0.0270	0.0291	-0.561	-14.669	-0.319	0.049
14.5	-0.363	-13.740	-0.0162	0.0191	-0.353	-14.108	-0.368	0.010
15.0	-0.357	-13.377	-0.0160	0.0192	-0.352	-13.755	-0.378	0.005
15.5	-0.345	-13.020	-0.0155	0.0183	-0.338	-13.403	-0.383	0.007
16.0	-0.271	-12.675	-0.0144	0.0176	-0.320	-13.065	-0.390	-0.049
16.5	-0.330	-12.404	-0.0156	0.0185	-0.341	-12.745	-0.341	-0.011
17.0	-0.349	-12.074	-0.0186	0.0218	-0.404	-12.404	-0.330	-0.055
17.5	-0.461	-11.725	-0.0189	0.0228	-0.427	-12.000	-0.275	0.034
18.0	-0.347	-11.264	-0.0142	0.0174	-0.316	-11.573	-0.309	0.031
18.5	-0.398	-10.917	-0.0194	0.0226	-0.420	-11.257	-0.340	-0.022
19.0	-0.445	-10.519	-0.0204	0.0235	-0.439	-10.837	-0.318	0.006
19.5	-0.425	-10.074	-0.0177	0.0209	-0.386	-10.398	-0.324	0.039
20.0	-0.453	-9.649	-0.0209	0.0242	-0.451	-10.012	-0.363	0.002
20.5	-0.530	-9.196	-0.0265	0.0295	-0.560	-9.561	-0.365	-0.030
21.0	-0.556	-8.666	-0.0287	0.0319	-0.606	-9.001	-0.335	-0.050
21.5	-0.559	-8.110	-0.0279	0.0310	-0.589	-8.395	-0.285	-0.030
22.0	-0.578	-7.551	-0.0274	0.0308	-0.582	-7.806	-0.255	-0.004
22.5	-0.613	-6.973	-0.0290	0.0324	-0.614	-7.224	-0.251	-0.001
23.0	-0.664	-6.360	-0.0327	0.0353	-0.680	-6.610	-0.250	-0.016
23.5	-0.837	-5.696	-0.0447	0.0440	-0.887	-5.930	-0.234	-0.050
24.0	-0.912	-4.859	-0.0490	0.0481	-0.971	-5.043	-0.184	-0.059
24.5	-0.934	-3.947	-0.0492	0.0485	-0.977	-4.072	-0.125	-0.043
25.0	-0.897	-3.013	-0.0458	0.0447	-0.905	-3.095	-0.082	-0.008
25.5	-0.817	-2.116	-0.0416	0.0405	-0.821	-2.190	-0.074	-0.004
26.0	-0.702	-1.299	-0.0354	0.0321	-0.675	-1.369	-0.070	0.027
26.5	-0.330	-0.597	-0.0189	0.0174	-0.363	-0.694	-0.097	-0.033
27.0	-0.262	-0.267	-0.0161	0.0153	-0.314	-0.331	-0.064	-0.052
27.5	-0.181	-0.005	-0.0113	0.0100	-0.213	-0.017	-0.012	-0.032
28.0	-0.013	0.176	-0.0010	-0.0001	-0.009	0.196	0.020	0.004
28.5	0.189	0.189	0.0097	-0.0108	0.205	0.205	0.016	0.016



CALCULATION SHEET FOR INCLINOMETER

X-3 : E axis DATE : Jan. 19, 1990

DEPTH	B(I) Sep. 11 1989	T/B(I)	B(0) Jan. 19, 1990	B(180)	B(n)	T/B(n)	T/B(n) -T/R(I)	B(n) -B(I)
0.5	-0.579	-25.334	-0.0257	0.0275	-0.532	-24.914	0.420	0.047
1.0	-0.596	-24.755	-0.0253	0.0272	-0.525	-24.382	0.373	0.071
1.5	-0.604	-24.159	-0.0261	0.0275	-0.536	-23.857	0.302	0.068
2.0	-0.568	-23.555	-0.0235	0.0242	-0.477	-23.321	0.234	0.091
2.5	-0.272	-22.987	-0.0112	0.0134	-0.246	-22.844	0.143	0.026
3.0	-0.260	-22.715	-0.0114	0.0131	-0.245	-22.598	0.117	0.015
3.5	-0.252	-22.455	-0.0114	0.0136	-0.250	-22.353	0.102	0.002
4.0	-0.261	-22.203	-0.0121	0.0138	-0.259	-22.103	0.100	0.002
4.5	-0.249	-21.942	-0.0116	0.0129	-0.245	-21.844	0.098	0.004
5.0	-0.262	-21.693	-0.0141	0.0150	-0.291	-21.599	0.094	-0.029
5.5	-0.402	-21.431	-0.0191	0.0208	-0.399	-21.308	0.123	0.003
6.0	-0.387	-21.029	-0.0186	0.0208	-0.394	-20.909	0.120	-0.007
6.5	-0.450	-20.642	-0.0218	0.0236	-0.454	-20.515	0.127	-0.004
7.0	-0.484	-20.192	-0.0233	0.0255	-0.488	-20.061	0.131	-0.004
7.5	-0.512	-19.708	-0.0250	0.0268	-0.518	-19.573	0.135	-0.006
8.0	-0.528	-19.196	-0.0232	0.0251	-0.483	-19.055	0.141	0.045
8.5	-0.335	-18.668	-0.0156	0.0178	-0.334	-18.572	0.096	0.001
9.0	-0.387	-18.333	-0.0187	0.0205	-0.392	-18.238	0.095	-0.005
9.5	-0.391	-17.946	-0.0178	0.0199	-0.377	-17.846	0.100	0.014
10.0	-0.362	-17.555	-0.0168	0.0186	-0.354	-17.469	0.086	0.008
10.5	-0.330	-17.193	-0.0158	0.0173	-0.331	-17.115	0.078	-0.001
11.0	-0.340	-16.863	-0.0180	0.0187	-0.367	-16.784	0.079	-0.027
11.5	-0.401	-16.523	-0.0192	0.0210	-0.402	-16.417	0.106	-0.001
12.0	-0.431	-16.122	-0.0209	0.0232	-0.441	-16.015	0.107	-0.010
12.5	-0.399	-15.691	-0.0179	0.0195	-0.374	-15.574	0.117	0.025
13.0	-0.390	-15.292	-0.0197	0.0221	-0.418	-15.200	0.092	-0.028
13.5	-0.552	-14.902	-0.0285	0.0365	-0.590	-14.782	0.120	-0.038
14.0	-0.610	-14.350	-0.0260	0.0282	-0.542	-14.192	0.158	0.068
14.5	-0.363	-13.740	-0.0169	0.0187	-0.356	-13.650	0.090	0.007
15.0	-0.357	-13.377	-0.0169	0.0185	-0.354	-13.294	0.083	0.003
15.5	-0.345	-13.020	-0.0162	0.0179	-0.341	-12.940	0.080	0.004
16.0	-0.271	-12.675	-0.0153	0.0168	-0.321	-12.599	0.076	-0.050
16.5	-0.330	-12.404	-0.0165	0.0182	-0.347	-12.278	0.126	-0.017
17.0	-0.349	-12.074	-0.0194	0.0207	-0.401	-11.931	0.143	-0.052
17.5	-0.461	-11.725	-0.0205	0.0216	-0.421	-11.580	0.195	0.040
18.0	-0.347	-11.264	-0.0152	0.0167	-0.319	-11.109	0.155	0.028
18.5	-0.398	-10.917	-0.0206	0.0220	-0.426	-10.790	0.127	-0.028
19.0	-0.445	-10.519	-0.0210	0.0227	-0.437	-10.364	0.155	0.008
19.5	-0.425	-10.074	-0.0185	0.0201	-0.386	-9.927	0.147	0.039
20.0	-0.453	-9.649	-0.0220	0.0242	-0.462	-9.541	0.108	-0.009
20.5	-0.530	-9.196	-0.0273	0.0294	-0.567	-9.079	0.117	-0.037
21.0	-0.556	-8.666	-0.0295	0.0314	-0.609	-8.512	0.154	-0.053
21.5	-0.559	-8.110	-0.0285	0.0306	-0.591	-7.903	0.207	-0.032
22.0	-0.578	-7.551	-0.0281	0.0303	-0.584	-7.312	0.239	-0.006
22.5	-0.613	-6.973	-0.0299	0.0322	-0.621	-6.728	0.245	-0.008
23.0	-0.664	-6.360	-0.0338	0.0354	-0.692	-6.107	0.253	-0.028
23.5	-0.837	-5.696	-0.0421	0.0441	-0.862	-5.415	0.281	-0.025
24.0	-0.912	-4.859	-0.0455	0.0480	-0.935	-4.553	0.306	-0.023
24.5	-0.934	-3.947	-0.0457	0.0476	-0.933	-3.618	0.329	0.001
25.0	-0.897	-3.013	-0.0417	0.0438	-0.855	-2.685	0.328	0.042
25.5	-0.817	-2.116	-0.0377	0.0396	-0.773	-1.830	0.286	0.044
26.0	-0.702	-1.299	-0.0302	0.0316	-0.618	-1.057	0.242	0.084
26.5	-0.330	-0.597	-0.0146	0.0169	-0.315	-0.439	0.158	0.015
27.0	-0.262	-0.267	-0.0124	0.0143	-0.267	-0.124	0.143	-0.005
27.5	-0.131	-0.005	-0.0068	0.0038	-0.156	0.143	0.148	0.025
28.0	-0.013	0.176	0.0034	-0.0012	0.046	0.299	0.123	0.059
28.5	0.189	0.189	0.0142	-0.0111	0.253	0.253	0.064	0.064



CALCULATION SHEET FOR INCLINOMETER

X-3 : B axis DATE: Feb. 26, 1990

DEPTH	B(I) Sep. 11 1989	T/B(I) 1989	B(0) Feb. 26, 1990	B(180) 1990	B(n)	T/B(n)	T/B(n) -T/B(I)	B(n) -B(I)
0.5	-0.579	-24.836	-0.0266	0.0277	-0.543	-25.787	-0.951	0.036
1.0	-0.596	-24.257	-0.0263	0.0271	-0.534	-25.244	-0.987	0.062
1.5	-0.604	-23.661	-0.0258	0.0267	-0.525	-24.710	-1.049	0.079
2.0	-0.568	-23.057	-0.0237	0.0244	-0.481	-24.185	-1.128	0.087
2.5	-0.272	-22.489	-0.0110	0.0119	-0.229	-23.704	-1.215	0.043
3.0	-0.260	-22.217	-0.0111	0.0121	-0.232	-23.475	-1.258	0.028
3.5	-0.252	-21.957	-0.0118	0.0126	-0.244	-23.243	-1.286	0.008
4.0	-0.261	-21.705	-0.0125	0.0133	-0.258	-22.999	-1.294	0.003
4.5	0.249	-21.444	-0.0123	0.0133	-0.256	-22.741	-1.297	-0.505
5.0	-0.262	-21.693	-0.0150	0.0145	-0.295	-22.485	-0.792	-0.033
5.5	-0.402	-21.431	-0.0191	0.0201	-0.392	-22.190	-0.759	0.010
6.0	-0.387	-21.029	-0.0184	0.0200	-0.394	-21.798	-0.769	-0.007
6.5	-0.450	-20.642	-0.0224	0.0233	-0.457	-21.404	-0.762	-0.007
7.0	-0.484	-20.192	-0.0243	0.0251	-0.494	-20.947	-0.755	-0.010
7.5	-0.512	-19.703	-0.0255	0.0261	-0.516	-20.453	-0.745	-0.004
8.0	-0.528	-19.196	-0.0242	0.0249	-0.491	-19.937	-0.741	0.037
8.5	-0.335	-18.668	-0.0165	0.0172	-0.337	-19.446	-0.778	-0.002
9.0	-0.387	-18.333	-0.0191	0.0198	-0.389	-19.109	-0.776	-0.002
9.5	-0.391	-17.946	-0.0188	0.0195	-0.383	-18.720	-0.774	0.008
10.0	-0.362	-17.555	-0.0175	0.0181	-0.356	-18.337	-0.782	0.006
10.5	-0.320	-17.193	-0.0162	0.0170	-0.332	-17.981	-0.788	-0.002
11.0	-0.340	-16.863	-0.0190	0.0186	-0.376	-17.649	-0.786	-0.036
11.5	-0.401	-16.523	-0.0199	0.0206	-0.405	-17.273	-0.750	-0.004
12.0	-0.431	-16.122	-0.0220	0.0224	-0.444	-16.868	-0.746	-0.013
12.5	-0.399	-15.691	-0.0187	0.0194	-0.381	-16.424	-0.733	0.018
13.0	-0.390	-15.292	-0.0205	0.0210	-0.415	-16.043	-0.751	-0.025
13.5	-0.552	-14.902	-0.0290	0.0293	-0.583	-15.628	-0.726	-0.031
14.0	-0.610	-14.350	-0.0280	0.0283	-0.563	-15.045	-0.695	0.047
14.5	-0.363	-13.740	-0.0178	0.0183	-0.361	-14.482	-0.742	0.002
15.0	-0.357	-13.377	-0.0176	0.0180	-0.356	-14.121	-0.744	0.001
15.5	-0.345	-13.020	-0.0170	0.0175	-0.345	-13.765	-0.745	0.000
16.0	-0.271	-12.675	-0.0160	0.0164	-0.324	-13.420	-0.745	-0.053
16.5	-0.330	-12.404	-0.0174	0.0175	-0.349	-13.096	-0.692	-0.019
17.0	-0.349	-12.074	-0.0205	0.0201	-0.406	-12.747	-0.673	-0.057
17.5	-0.461	-11.725	-0.0212	0.0215	-0.427	-12.341	-0.616	0.034
18.0	-0.347	-11.264	-0.0159	0.0161	-0.320	-11.914	-0.650	0.027
18.5	-0.398	-10.917	-0.0213	0.0213	-0.426	-11.594	-0.677	-0.028
19.0	-0.445	-10.519	-0.0219	0.0222	-0.441	-11.168	-0.649	0.004
19.5	-0.425	-10.074	-0.0194	0.0195	-0.389	-10.727	-0.653	0.036
20.0	-0.453	-9.649	-0.0227	0.0230	-0.457	-10.338	-0.689	-0.004
20.5	-0.530	-9.196	-0.0289	0.0291	-0.580	-9.881	-0.685	-0.050
21.0	-0.556	-8.666	-0.0317	0.0322	-0.539	-9.301	-0.635	-0.083
21.5	-0.559	-8.110	-0.0300	0.0307	-0.607	-8.662	-0.552	-0.048
22.0	-0.578	-7.551	-0.0292	0.0296	-0.588	-8.055	-0.504	-0.010
22.5	-0.613	-6.973	-0.0306	0.0313	-0.619	-7.467	-0.494	-0.006
23.0	-0.664	-6.360	-0.0345	0.0345	-0.690	-6.848	-0.488	-0.026
23.5	-0.837	-5.696	-0.0465	0.0431	-0.896	-6.158	-0.462	-0.059
24.0	-0.912	-4.859	-0.0508	0.0472	-0.980	-5.262	-0.403	-0.068
24.5	-0.934	-3.947	-0.0511	0.0472	-0.983	-4.282	-0.335	-0.049
25.0	-0.897	-3.013	-0.0474	0.0433	-0.907	-3.299	-0.286	-0.010
25.5	-0.817	-2.116	-0.0434	0.0395	-0.829	-2.392	-0.276	-0.012
26.0	-0.702	-1.299	-0.0360	0.0312	-0.672	-1.563	-0.264	0.030
26.5	-0.330	-0.597	-0.0207	0.0165	-0.372	-0.891	-0.294	-0.042
27.0	-0.262	-0.267	-0.0180	0.0141	-0.321	-0.519	-0.252	-0.059
27.5	-0.181	-0.005	-0.0136	0.0087	-0.223	-0.198	-0.193	-0.042
28.0	-0.013	0.176	-0.0027	-0.0013	-0.014	0.025	-0.151	-0.001
28.5	0.189	0.189	-0.0080	-0.0119	0.039	0.039	-0.150	-0.150



CALCULATION SHEET FOR INCLINOMETER

X-3 : B axis DATE: MCH 21, 1990

DEPTH	B(I) Sep. 11	T/B(I) 1989	B(0) Mch. 21,	E(180) 1990	E(n)	T/B(n)	T/B(n) -T/B(I)	B(n) -B(I)
0.5	-0.579	-25.334	-0.0252	0.0259	-0.511	-25.523	-0.189	0.068
1.0	-0.596	-24.755	-0.0247	0.0253	-0.500	-25.012	-0.257	0.096
1.5	-0.604	-24.159	-0.0252	0.0250	-0.502	-24.512	-0.353	0.102
2.0	-0.568	-23.555	-0.0231	0.0233	-0.464	-24.010	-0.455	0.104
2.5	-0.272	-22.987	-0.0101	0.0105	-0.206	-23.546	-0.559	0.066
3.0	-0.260	-22.715	-0.0107	0.0112	-0.219	-23.340	-0.625	0.041
3.5	-0.252	-22.455	-0.0114	0.0119	-0.233	-23.121	-0.666	0.019
4.0	-0.261	-22.203	-0.0128	0.0127	-0.255	-22.888	-0.685	0.006
4.5	-0.249	-21.942	-0.0130	0.0127	-0.257	-22.633	-0.691	-0.008
5.0	-0.262	-21.693	-0.0148	0.0143	-0.291	-22.376	-0.683	-0.029
5.5	-0.402	-21.431	-0.0193	0.0198	-0.391	-22.085	-0.654	-0.011
6.0	-0.387	-21.029	-0.0195	0.0200	-0.395	-21.694	-0.665	-0.008
6.5	-0.450	-20.642	-0.0226	0.0233	-0.461	-21.299	-0.657	-0.011
7.0	-0.484	-20.192	-0.0243	0.0250	-0.493	-20.838	-0.646	-0.009
7.5	-0.512	-19.708	-0.0256	0.0261	-0.517	-20.345	-0.637	-0.005
8.0	-0.528	-19.196	-0.0243	0.0250	-0.493	-19.828	-0.632	0.035
8.5	-0.335	-18.668	-0.0167	0.0171	-0.338	-19.335	-0.667	-0.003
9.0	-0.387	-18.333	-0.0193	0.0193	-0.391	-18.997	-0.664	-0.004
9.5	-0.391	-17.946	-0.0188	0.0191	-0.379	-18.606	-0.660	0.012
10.0	-0.362	-17.555	-0.0177	0.0179	-0.356	-18.227	-0.672	0.006
10.5	-0.330	-17.193	-0.0169	0.0165	-0.334	-17.871	-0.678	-0.004
11.0	-0.340	-16.863	-0.0189	0.0180	-0.369	-17.537	-0.674	-0.029
11.5	-0.401	-16.523	-0.0199	0.0203	-0.402	-17.168	-0.645	-0.001
12.0	-0.431	-16.122	-0.0217	0.0222	-0.439	-16.766	-0.644	-0.008
12.5	-0.399	-15.691	-0.0186	0.0194	-0.380	-16.327	-0.636	0.019
13.0	-0.390	-15.292	-0.0205	0.0212	-0.417	-15.947	-0.655	-0.027
13.5	-0.552	-14.902	-0.0293	0.0297	-0.590	-15.530	-0.628	-0.038
14.0	-0.610	-14.359	-0.0274	0.0284	-0.558	-14.940	-0.590	0.052
14.5	-0.363	-13.740	-0.0177	0.0180	-0.357	-14.382	-0.642	0.006
15.0	-0.357	-13.377	-0.0178	0.0179	-0.357	-14.025	-0.648	0.000
15.5	-0.345	-13.020	-0.0170	0.0170	-0.340	-13.668	-0.648	0.005
16.0	-0.271	-12.675	-0.0161	0.0163	-0.324	-13.328	-0.653	-0.053
16.5	-0.330	-12.404	-0.0175	0.0174	-0.349	-13.004	-0.600	-0.019
17.0	-0.349	-12.074	-0.0205	0.0204	-0.409	-12.655	-0.581	-0.060
17.5	-0.461	-11.725	-0.0212	0.0211	-0.423	-12.246	-0.521	0.038
18.0	-0.347	-11.264	-0.0162	0.0161	-0.323	-11.823	-0.559	0.024
18.5	-0.398	-10.917	-0.0214	0.0212	-0.426	-11.500	-0.583	-0.028
19.0	-0.445	-10.519	-0.0218	0.0221	-0.439	-11.074	-0.555	0.066
19.5	-0.425	-10.074	-0.0191	0.0194	-0.385	-10.635	-0.561	0.040
20.0	-0.453	-9.649	-0.0225	0.0232	-0.457	-10.250	-0.601	-0.004
20.5	-0.530	-9.196	-0.0293	0.0297	-0.590	-9.793	-0.597	-0.060
21.0	-0.556	-8.666	-0.0335	0.0339	-0.674	-9.203	-0.537	-0.118
21.5	-0.559	-8.110	-0.0306	0.0311	-0.617	-8.529	-0.419	-0.058
22.0	-0.578	-7.551	-0.0290	0.0297	-0.587	-7.912	-0.361	-0.009
22.5	-0.613	-6.973	-0.0309	0.0314	-0.623	-7.325	-0.352	-0.010
23.0	-0.664	-6.360	-0.0343	0.0346	-0.689	-6.702	-0.342	-0.025
23.5	-0.837	-5.696	-0.0430	0.0437	-0.867	-6.013	-0.317	-0.030
24.0	-0.912	-4.859	-0.0464	0.0471	-0.935	-5.146	-0.287	-0.023
24.5	-0.934	-3.947	-0.0464	0.0470	-0.934	-4.211	-0.264	0.000
25.0	-0.897	-3.013	-0.0422	0.0427	-0.849	-3.277	-0.264	0.048
25.5	-0.817	-2.116	-0.0385	0.0389	-0.774	-2.428	-0.312	0.043
26.0	-0.702	-1.299	-0.0309	0.0311	-0.620	-1.654	-0.355	0.082
26.5	-0.330	-0.597	-0.0154	0.0161	-0.315	-1.034	-0.437	0.015
27.0	-0.262	-0.267	-0.0132	0.0139	-0.271	-0.719	-0.452	-0.009
27.5	-0.181	-0.005	-0.0076	0.0082	-0.158	-0.448	-0.443	0.023
28.0	-0.013	0.176	-0.0029	0.0015	-0.044	-0.290	-0.466	-0.031
28.5	0.189	0.189	-0.0130	0.0116	-0.246	-0.246	-0.435	-0.435



CALCULATION SHEET FOR INCLINOMETER

X-3 : B axis DATE: APR. 23, 1990

DEPTH	B(I) Sep. 11	T/B(1) 1989	B(0) Apr. 23,	B(180) 1990	B(n)	T/B(n)	T/B(n) -T/B(I)	B(n) -B(I)
0.5	-0.579	-25.334	-0.0247	0.0265	-0.512	-24.950	0.384	0.067
1.0	-0.596	-24.755	-0.0237	0.0254	-0.491	-24.438	0.317	0.105
1.5	-0.604	-24.159	-0.0256	0.0269	-0.525	-23.947	0.212	0.079
2.0	-0.568	-23.555	-0.0203	0.0218	-0.421	-23.422	0.133	0.147
2.5	-0.272	-22.987	-0.0100	0.0116	-0.216	-23.001	-0.014	0.056
3.0	-0.260	-22.715	-0.0099	0.0120	-0.219	-22.785	-0.070	0.041
3.5	-0.252	-22.455	-0.0113	0.0132	-0.245	-22.566	-0.111	0.007
4.0	-0.261	-22.203	-0.0123	0.0139	-0.262	-22.321	-0.118	-0.001
4.5	-0.249	-21.942	-0.0126	0.0141	-0.267	-22.059	-0.117	-0.018
5.0	-0.262	-21.693	-0.0160	0.0158	-0.318	-21.792	-0.099	-0.056
5.5	-0.402	-21.431	-0.0185	0.0203	-0.388	-21.474	-0.043	0.014
6.0	-0.387	-21.029	-0.0195	0.0211	-0.406	-21.086	-0.057	-0.019
6.5	-0.450	-20.642	-0.0225	0.0241	-0.466	-20.680	-0.038	-0.016
7.0	-0.484	-20.192	-0.0242	0.0259	-0.501	-20.214	-0.022	-0.017
7.5	-0.512	-19.708	-0.0256	0.0268	-0.524	-19.713	-0.005	-0.012
8.0	-0.528	-19.196	-0.0216	0.0234	-0.450	-19.189	0.007	0.078
8.5	-0.335	-18.668	-0.0163	0.0179	-0.342	-18.739	-0.071	-0.007
9.0	-0.387	-18.333	-0.0191	0.0208	-0.399	-18.397	-0.064	-0.012
9.5	-0.391	-17.946	-0.0182	0.0201	-0.383	-17.998	-0.052	0.008
10.0	-0.362	-17.555	-0.0170	0.0185	-0.355	-17.615	-0.060	0.007
10.5	-0.330	-17.193	-0.0156	0.0174	-0.330	-17.260	-0.067	0.000
11.0	-0.340	-16.863	-0.0193	0.0196	-0.389	-16.930	-0.067	-0.049
11.5	-0.401	-16.523	-0.0194	0.0208	-0.402	-16.541	-0.018	-0.001
12.0	-0.431	-16.122	-0.0217	0.0232	-0.449	-16.139	-0.017	-0.018
12.5	-0.399	-15.691	-0.0175	0.0189	-0.364	-15.690	0.001	0.035
13.0	-0.390	-15.292	-0.0213	0.0226	-0.439	-15.326	-0.034	-0.049
13.5	-0.552	-14.902	-0.0299	0.0308	-0.607	-14.887	0.015	-0.055
14.0	-0.610	-14.350	-0.0246	0.0260	-0.506	-14.280	0.070	0.104
14.5	-0.363	-13.740	-0.0173	0.0189	-0.362	-13.774	-0.034	0.001
15.0	-0.357	-13.377	-0.0171	0.0184	-0.355	-13.412	-0.035	0.002
15.5	-0.345	-13.020	-0.0164	0.0180	-0.344	-13.057	-0.037	0.001
16.0	-0.271	-12.675	-0.0155	0.0165	-0.320	-12.713	-0.038	-0.049
16.5	-0.330	-12.404	-0.0170	0.0184	-0.354	-12.393	0.011	-0.024
17.0	-0.349	-12.074	-0.0210	0.0219	-0.429	-12.039	0.035	-0.080
17.5	-0.461	-11.725	-0.0197	0.0208	-0.405	-11.610	0.115	0.056
18.0	-0.347	-11.264	-0.0153	0.0167	-0.320	-11.205	0.059	0.027
18.5	-0.398	-10.917	-0.0220	0.0229	-0.449	-10.885	0.032	-0.051
19.0	-0.445	-10.519	-0.0208	0.0224	-0.432	-10.436	0.083	0.013
19.5	-0.425	-10.074	-0.0187	0.0196	-0.383	-10.004	0.070	0.042
20.0	-0.453	-9.649	-0.0235	0.0245	-0.480	-9.621	0.028	-0.027
20.5	-0.530	-9.196	-0.0296	0.0311	-0.607	-9.141	0.055	-0.077
21.0	-0.556	-8.666	-0.0232	0.0343	-0.675	-8.534	0.132	-0.119
21.5	-0.559	-8.110	-0.0300	0.0314	-0.614	-7.859	0.251	-0.055
22.0	-0.573	-7.551	-0.0289	0.0300	-0.589	-7.245	0.306	-0.011
22.5	-0.613	-6.973	-0.0307	0.0318	-0.625	-6.656	0.317	-0.012
23.0	-0.664	-6.360	-0.0355	0.0364	-0.719	-6.031	0.329	-0.055
23.5	-0.837	-5.696	-0.0435	0.0444	-0.879	-5.312	0.384	-0.042
24.0	-0.912	-4.859	-0.0464	0.0479	-0.943	-4.433	0.426	-0.031
24.5	-0.934	-3.947	-0.0460	0.0473	-0.933	-3.490	0.457	0.001
25.0	-0.897	-3.013	-0.0414	0.0428	-0.842	-2.557	0.456	0.055
25.5	-0.817	-2.116	-0.0375	0.0389	-0.764	-1.715	0.401	0.053
26.0	-0.702	-1.299	-0.0278	0.0288	-0.566	-0.951	0.348	0.136
26.5	-0.330	-0.597	-0.0150	0.0166	-0.316	-0.285	0.212	0.014
27.0	-0.262	-0.267	-0.0130	0.0145	-0.275	-0.069	0.198	-0.013
27.5	-0.181	-0.005	-0.0364	0.0077	-0.141	0.206	0.211	0.040
28.0	-0.013	0.176	0.0045	-0.0026	0.071	0.347	0.171	0.084
28.5	0.189	0.189	0.0147	-0.0129	0.276	0.276	0.087	0.087



CALCULATION SHEET FOR INCLINOMETER

X-3 : B axis DATE: MAY. 23, 1990

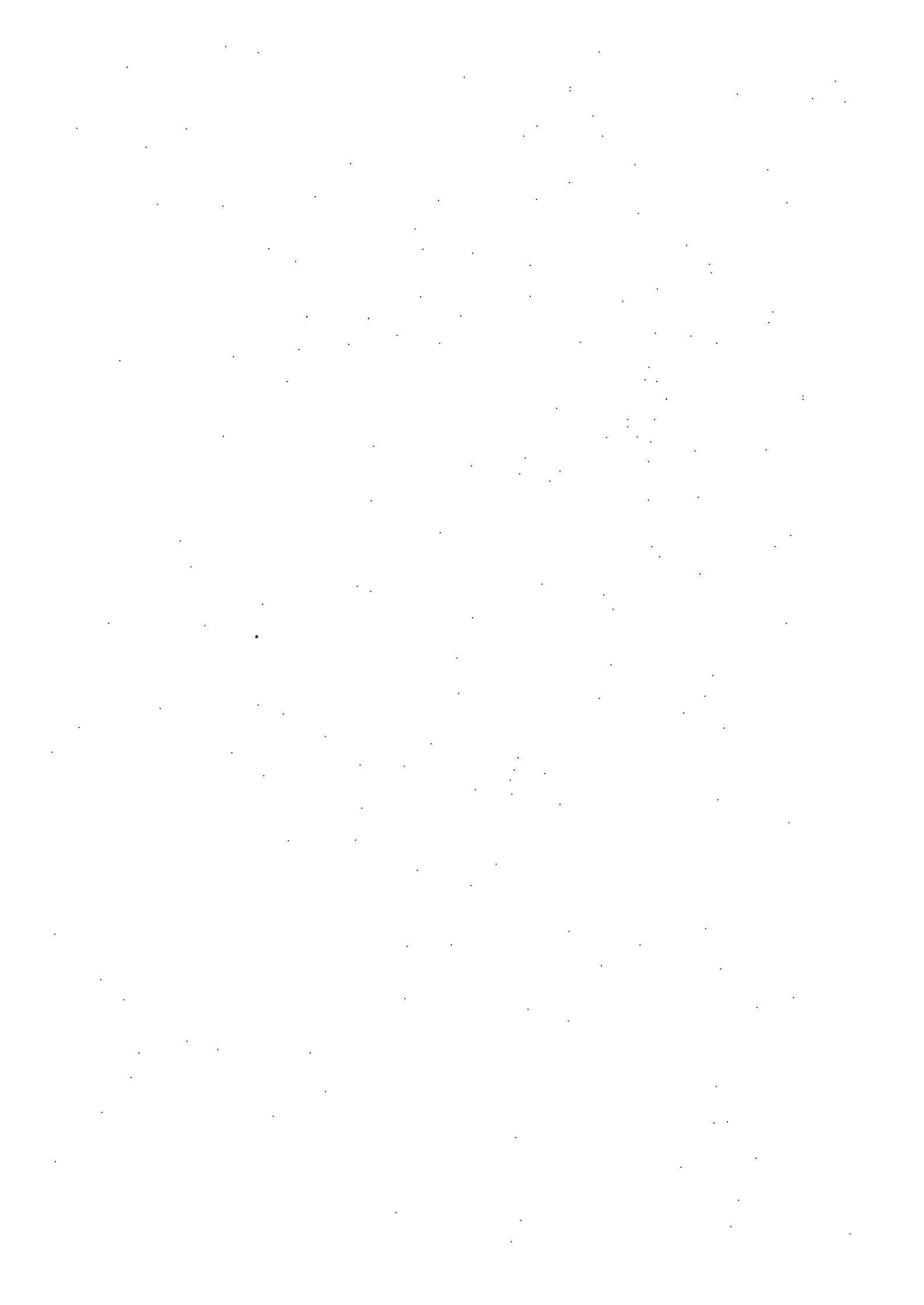
DEPTH	B(I) Sep. 11	T/B(I) 1989	B(O) May. 23,	B(180) 1990	B(n)	T/B(n)	T/B(n) -T/B(I)	E(n) -B(I)
0.5	-0.579	-25.334	-0.0236	0.0238	-0.474	-24.995	0.339	0.105
1.0	-0.596	-24.755	-0.0232	0.0234	-0.466	-24.521	0.234	0.130
1.5	-0.604	-24.159	-0.0247	0.0245	-0.492	-24.055	0.104	0.112
2.0	-0.568	-23.555	-0.0234	0.0228	-0.462	-23.563	-0.008	0.106
2.5	-0.272	-22.987	-0.0099	0.0100	-0.199	-23.101	-0.114	0.073
3.0	-0.260	-22.715	-0.0105	0.0104	-0.209	-22.902	-0.187	0.051
3.5	-0.252	-22.455	-0.0116	0.0118	-0.234	-22.693	-0.238	0.018
4.0	-0.261	-22.203	-0.0129	0.0129	-0.258	-22.459	-0.256	0.003
4.5	-0.249	-21.942	-0.0133	0.0131	-0.264	-22.201	-0.259	-0.015
5.0	-0.262	-21.693	-0.0153	0.0140	-0.293	-21.937	-0.244	-0.031
5.5	-0.402	-21.431	-0.0195	0.0194	-0.389	-21.644	-0.213	0.013
6.0	-0.387	-21.029	-0.0195	0.0197	-0.392	-21.255	-0.226	-0.005
6.5	-0.450	-20.642	-0.0229	0.0228	-0.457	-20.863	-0.221	-0.007
7.0	-0.484	-20.192	-0.0246	0.0243	-0.489	-20.406	-0.214	-0.005
7.5	-0.512	-19.708	-0.0256	0.0258	-0.514	-19.917	-0.209	-0.002
8.0	-0.528	-19.196	-0.0242	0.0244	-0.486	-19.403	-0.207	0.042
8.5	-0.335	-18.668	-0.0168	0.0169	-0.337	-18.917	-0.249	-0.002
9.0	-0.387	-18.333	-0.0195	0.0195	-0.390	-18.580	-0.247	-0.003
9.5	-0.391	-17.946	-0.0193	0.0192	-0.385	-18.190	-0.244	0.006
10.0	-0.362	-17.555	-0.0178	0.0179	-0.357	-17.805	-0.250	0.005
10.5	-0.330	-17.193	-0.0171	0.0168	-0.339	-17.448	-0.255	-0.009
11.0	-0.340	-16.863	-0.0193	0.0180	-0.373	-17.109	-0.246	-0.033
11.5	-0.401	-16.523	-0.0201	0.0199	-0.400	-16.736	-0.213	0.001
12.0	-0.431	-16.122	-0.0225	0.0221	-0.446	-16.336	-0.214	-0.015
12.5	-0.399	-15.691	-0.0191	0.0192	-0.383	-15.850	-0.199	0.016
13.0	-0.390	-15.292	-0.0209	0.0204	-0.413	-15.507	-0.215	-0.023
13.5	-0.552	-14.902	-0.0294	0.0291	-0.585	-15.094	-0.192	-0.033
14.0	-0.610	-14.350	-0.0287	0.0283	-0.570	-14.509	-0.159	0.040
14.5	-0.563	-13.740	-0.0183	0.0181	-0.564	-13.939	-0.199	-0.001
15.0	-0.357	-13.377	-0.0179	0.0178	-0.357	-13.575	-0.198	0.000
15.5	-0.345	-13.020	-0.0175	0.0172	-0.347	-13.218	-0.198	-0.002
16.0	-0.271	-12.675	-0.0163	0.0161	-0.324	-12.871	-0.196	-0.053
16.5	-0.330	-12.404	-0.0180	0.0174	-0.354	-12.547	-0.143	-0.024
17.0	-0.349	-12.074	-0.0206	0.0201	-0.407	-12.193	-0.119	-0.058
17.5	-0.461	-11.725	-0.0216	0.0215	-0.431	-11.786	-0.061	0.030
18.0	-0.347	-11.264	-0.0164	0.0160	-0.324	-11.355	-0.091	0.023
18.5	-0.398	-10.917	-0.0214	0.0215	-0.429	-11.031	-0.114	-0.031
19.0	-0.445	-10.519	-0.0224	0.0223	-0.447	-10.602	-0.083	-0.002
19.5	-0.425	-10.074	-0.0195	0.0192	-0.387	-10.155	-0.081	0.038
20.0	-0.453	-9.649	-0.0231	0.0226	-0.457	-9.768	-0.119	-0.004
20.5	-0.530	-9.196	-0.0302	0.0296	-0.598	-9.311	-0.115	-0.068
21.0	-0.556	-8.666	-0.0343	0.0340	-0.683	-8.713	-0.047	-0.127
21.5	-0.559	-8.110	-0.0317	0.0313	-0.630	-8.030	0.080	-0.071
22.0	-0.578	-7.551	-0.0296	0.0294	-0.590	-7.400	0.151	-0.012
22.5	-0.613	-6.973	-0.0312	0.0308	-0.620	-6.810	0.163	-0.007
23.0	-0.664	-6.360	-0.0352	0.0342	-0.694	-6.190	0.170	-0.030
23.5	-0.837	-5.696	-0.0434	0.0431	-0.865	-5.496	0.200	-0.028
24.0	-0.912	-4.859	-0.0472	0.0470	-0.942	-4.631	0.228	-0.030
24.5	-0.934	-3.947	-0.0472	0.0469	-0.941	-3.689	0.258	-0.007
25.0	-0.897	-3.013	-0.0429	0.0426	-0.855	-2.748	0.265	0.042
25.5	-0.817	-2.116	-0.0399	0.0384	-0.774	-1.893	0.223	0.043
26.0	-0.702	-1.299	-0.0313	0.0314	-0.627	-1.119	0.180	0.075
26.5	-0.330	-0.597	-0.0164	0.0161	-0.325	-0.492	0.105	0.005
27.0	-0.262	-0.267	-0.0142	0.0138	-0.280	-0.167	0.100	-0.018
27.5	-0.181	-0.005	-0.0087	0.0083	-0.170	0.113	0.118	0.011
28.0	-0.013	0.176	0.0018	-0.0019	0.037	0.283	0.107	0.050
28.5	0.189	0.189	0.0125	-0.0121	0.246	0.246	0.057	0.057



CALCULATION SHEET FOR INCLINOMETER

X-3 : B axis DATE: JUNE 23, 1990

DEPTH	B(I) Sep. 11 1989	T/B(I)	B(0)	B(180)	B(n)	T/B(n)	T/B(n) -T/B(I)	B(n) -B(I)
0.5	-0.579	-25.334	-0.0247	0.0246	-0.493	-25.420	-0.086	0.086
1.0	-0.596	-24.755	-0.0241	0.0240	-0.481	-24.927	-0.172	0.115
1.5	-0.604	-24.159	-0.0251	0.0253	-0.504	-24.446	-0.287	0.100
2.0	-0.568	-23.555	-0.0233	0.0233	-0.466	-23.942	-0.387	0.102
2.5	-0.272	-22.987	-0.0101	0.0101	-0.202	-23.476	-0.489	0.070
3.0	-0.260	-22.715	-0.0106	0.0104	-0.210	-23.274	-0.559	0.050
3.5	-0.252	-22.455	-0.0117	0.0117	-0.234	-23.064	-0.609	0.018
4.0	-0.261	-22.203	-0.0132	0.0129	-0.261	-22.830	-0.627	0.000
4.5	-0.249	-21.942	-0.0132	0.0131	-0.263	-22.569	-0.627	-0.014
5.0	-0.262	-21.693	-0.0152	0.0143	-0.295	-22.306	-0.613	-0.033
5.5	-0.402	-21.431	-0.0196	0.0193	-0.389	-22.011	-0.580	0.013
6.0	-0.387	-21.029	-0.0196	0.0196	-0.392	-21.622	-0.593	-0.005
6.5	-0.450	-20.642	-0.0229	0.0226	-0.455	-21.230	-0.589	-0.005
7.0	-0.484	-20.192	-0.0246	0.0246	-0.492	-20.775	-0.583	-0.008
7.5	-0.512	-19.708	-0.0259	0.0258	-0.517	-20.283	-0.575	-0.005
8.0	-0.526	-19.196	-0.0242	0.0243	-0.485	-19.766	-0.570	0.043
8.5	-0.335	-18.668	-0.0168	0.0166	-0.334	-19.281	-0.613	0.001
9.0	-0.387	-18.333	-0.0198	0.0194	-0.392	-18.947	-0.614	-0.005
9.5	-0.391	-17.946	-0.0193	0.0189	-0.382	-18.555	-0.609	0.009
10.0	-0.362	-17.555	-0.0180	0.0177	-0.357	-18.173	-0.618	0.005
10.5	-0.330	-17.193	-0.0167	0.0165	-0.332	-17.816	-0.623	-0.002
11.0	-0.340	-16.863	-0.0192	0.0179	-0.371	-17.484	-0.621	-0.031
11.5	-0.401	-16.523	-0.0202	0.0198	-0.400	-17.113	-0.590	0.001
12.0	-0.431	-16.122	-0.0224	0.0220	-0.444	-16.713	-0.591	-0.013
12.5	-0.399	-15.691	-0.0193	0.0190	-0.393	-16.269	-0.578	0.016
13.0	-0.390	-15.292	-0.0205	0.0206	-0.411	-15.886	-0.594	-0.021
13.5	-0.552	-14.902	-0.0296	0.0293	-0.589	-15.475	-0.573	-0.037
14.0	-0.610	-14.350	-0.0268	0.0278	-0.546	-14.886	-0.536	0.064
14.5	-0.363	-13.740	-0.0182	0.0178	-0.360	-14.340	-0.600	0.003
15.0	-0.357	-13.377	-0.0182	0.0176	-0.358	-13.980	-0.603	-0.001
15.5	-0.345	-13.020	-0.0174	0.0169	-0.343	-13.622	-0.602	0.002
16.0	-0.271	-12.675	-0.0164	0.0158	-0.322	-13.279	-0.604	-0.051
16.5	-0.330	-12.404	-0.0178	0.0172	-0.350	-12.957	-0.553	-0.020
17.0	-0.349	-12.074	-0.0207	0.0202	-0.409	-12.607	-0.533	-0.060
17.5	-0.461	-11.725	-0.0218	0.0213	-0.431	-12.198	-0.473	0.030
18.0	-0.347	-11.264	-0.0161	0.0158	-0.319	-11.767	-0.503	0.028
18.5	-0.398	-10.917	-0.0219	0.0213	-0.432	-11.448	-0.531	-0.034
19.0	-0.445	-10.519	-0.0225	0.0219	-0.444	-11.016	-0.497	0.001
19.5	-0.425	-10.074	-0.0193	0.0187	-0.380	-10.572	-0.498	0.045
20.0	-0.453	-9.649	-0.0228	0.0227	-0.455	-10.192	-0.543	-0.002
20.5	-0.530	-9.196	-0.0300	0.0294	-0.594	-9.737	-0.541	-0.064
21.0	-0.556	-8.666	-0.0342	0.0337	-0.679	-9.143	-0.477	-0.123
21.5	-0.559	-8.110	-0.0316	0.0312	-0.628	-8.464	-0.354	-0.069
22.0	-0.578	-7.551	-0.0294	0.0293	-0.587	-7.836	-0.285	-0.009
22.5	-0.613	-6.973	-0.0311	0.0308	-0.619	-7.249	-0.276	-0.006
23.0	-0.664	-6.360	-0.0351	0.0343	-0.694	-6.630	-0.270	-0.030
23.5	-0.837	-5.696	-0.0467	0.0429	-0.896	-5.936	-0.240	-0.059
24.0	-0.912	-4.859	-0.0509	0.0469	-0.978	-5.040	-0.181	-0.066
24.5	-0.934	-3.947	-0.0508	0.0465	-0.973	-4.062	-0.115	-0.039
25.0	-0.897	-3.013	-0.0468	0.0424	-0.892	-3.089	-0.076	0.005
25.5	-0.817	-2.116	-0.0429	0.0386	-0.815	-2.197	-0.081	0.002
26.0	-0.702	-1.299	-0.0359	0.0317	-0.676	-1.382	-0.083	0.026
26.5	-0.330	-0.597	-0.0209	0.0160	-0.369	-0.706	-0.109	-0.039
27.0	-0.262	-0.267	-0.0186	0.0140	-0.326	-0.337	-0.070	-0.064
27.5	-0.181	-0.005	-0.0135	0.0086	-0.221	-0.011	-0.006	-0.040
28.0	-0.013	0.176	-0.0024	-0.0016	-0.008	0.210	0.034	0.005
28.5	0.189	0.189	0.0094	-0.0124	0.218	0.218	0.029	0.029



INITIAL READING OF INCLINOMETERS

HOLE No. X-4 DATE : Oct. 9, 1989

DEPTH (m)	A(0)	A(180)	A(I) (cm)	T/A(I)	B(0)	B(180)	B(I) (cm)	T/B(I)
0.5	-0.0425	0.0425	-0.850	-39.387	-0.0220	0.0272	-0.492	-5.069
1.0	-0.0466	0.0464	-0.930	-38.537	-0.0210	0.0263	-0.473	-4.577
1.5	-0.0487	0.0484	-0.971	-37.607	-0.0131	0.0184	-0.315	-4.104
2.0	-0.0508	0.0507	-1.015	-36.636	-0.0067	0.0121	-0.188	-3.789
2.5	-0.0543	0.0541	-1.084	-35.621	-0.0024	0.0077	-0.101	-3.601
3.0	-0.0568	0.0567	-1.135	-34.537	0.0028	0.0025	0.003	-3.500
3.5	-0.0555	0.0552	-1.107	-33.402	0.0065	-0.0014	0.079	-3.503
4.0	-0.0528	0.0527	-1.055	-32.295	0.0035	0.0019	0.016	-3.582
4.5	-0.0514	0.0512	-1.026	-31.240	0.0013	0.0038	-0.025	-3.598
5.0	-0.0498	0.0495	-0.993	-30.214	0.0007	0.0048	-0.041	-3.573
5.5	-0.0488	0.0487	-0.975	-29.221	-0.0009	0.0062	-0.071	-3.532
6.0	-0.0489	0.0488	-0.977	-28.246	-0.0019	0.0069	-0.088	-3.461
6.5	-0.0454	0.0450	-0.904	-27.269	-0.0024	0.0075	-0.099	-3.373
7.0	-0.0403	0.0399	-0.802	-26.365	-0.0024	0.0077	-0.101	-3.274
7.5	-0.0390	0.0388	-0.778	-25.563	-0.0017	0.0072	-0.089	-3.173
8.0	-0.0367	0.0364	-0.731	-24.785	-0.0011	0.0064	-0.075	-3.084
8.5	-0.0317	0.0317	-0.634	-24.054	-0.0011	0.0065	-0.076	-3.009
9.0	-0.0308	0.0308	-0.616	-23.420	-0.0010	0.0063	-0.073	-2.933
9.5	-0.0563	0.0566	-1.129	-22.804	-0.0036	0.0089	-0.125	-2.860
10.0	-0.0687	0.0687	-1.374	-21.675	-0.0066	0.0120	-0.186	-2.735
10.5	-0.0726	0.0724	-1.450	-20.301	-0.0082	0.0134	-0.216	-2.549
11.0	-0.0724	0.0723	-1.447	-18.851	-0.0073	0.0128	-0.201	-2.333
11.5	-0.0689	0.0687	-1.376	-17.404	-0.0066	0.0118	-0.184	-2.132
12.0	-0.0640	0.0639	-1.279	-16.028	-0.0063	0.0113	-0.176	-1.948
12.5	-0.0636	0.0632	-1.268	-14.749	-0.0042	0.0092	-0.134	-1.772
13.0	-0.0624	0.0622	-1.246	-13.481	-0.0044	0.0096	-0.140	-1.638
13.5	-0.0621	0.0620	-1.241	-12.235	-0.0065	0.0118	-0.183	-1.498
14.0	-0.0628	0.0626	-1.254	-10.994	-0.0077	0.0129	-0.206	-1.315
14.5	-0.0639	0.0637	-1.276	-9.740	-0.0079	0.0131	-0.210	-1.109
15.0	-0.0640	0.0638	-1.278	-8.464	-0.0088	0.0137	-0.225	-0.899
15.5	-0.0618	0.0611	-1.229	-7.186	-0.0033	0.0080	-0.113	-0.674
16.0	-0.0602	0.0599	-1.201	-5.957	-0.0026	0.0079	-0.105	-0.561
16.5	-0.0588	0.0585	-1.173	-4.756	-0.0041	0.0093	-0.134	-0.456
17.0	-0.0591	0.0589	-1.180	-3.583	-0.0037	0.0090	-0.127	-0.322
17.5	-0.0602	0.0597	-1.199	-2.403	-0.0026	0.0079	-0.105	-0.195
18.0	-0.0603	0.0601	-1.204	-1.204	-0.0019	0.0071	-0.090	-0.090



CALCULATION SHEET FOR INCLINOMETER

X-4 : B axis DATE : Nov. 23, 1989

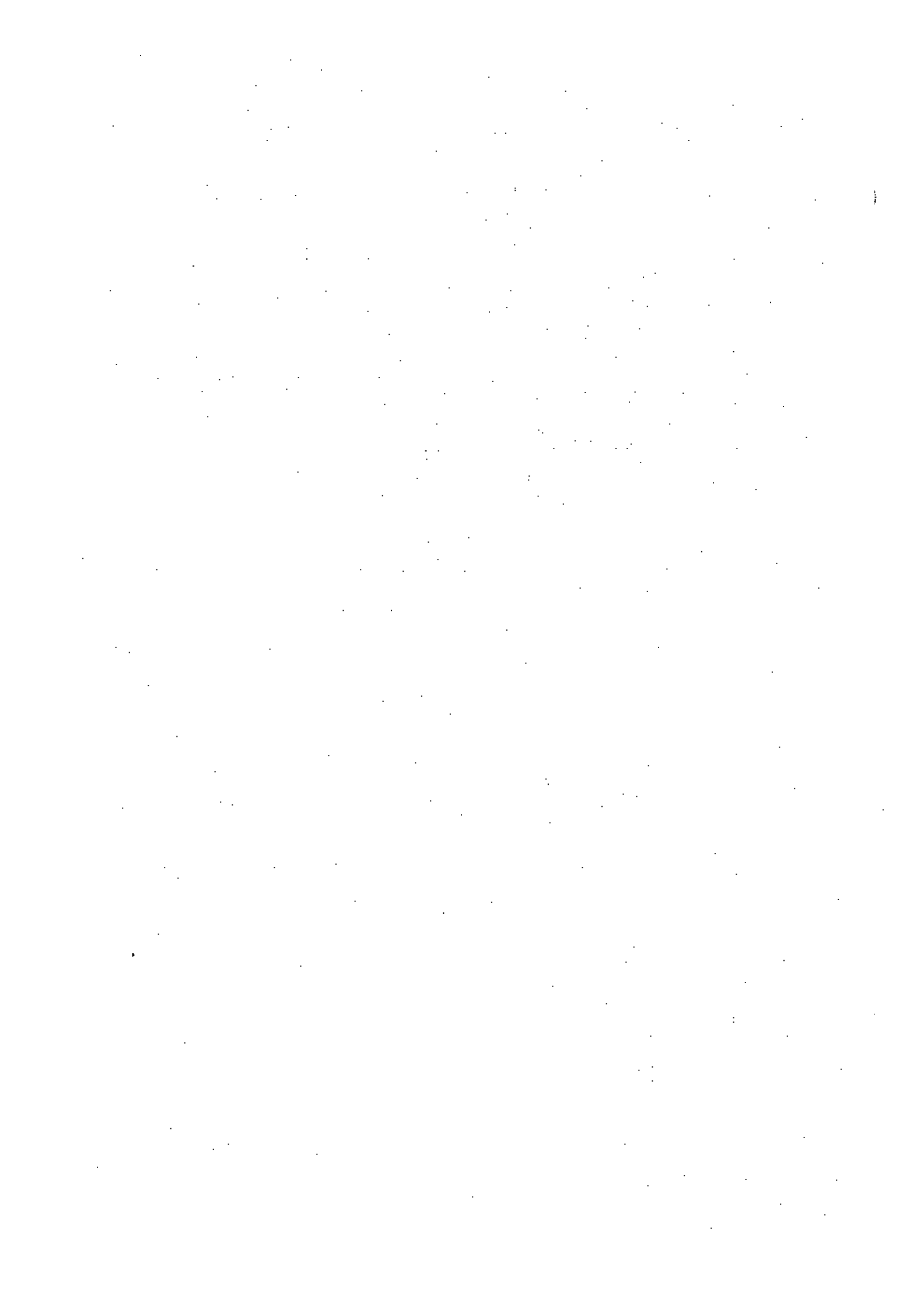
DEPTH	B(I)	T/B(I)	B(0)	B(180)	B(n)	T/B(n)	T/B(n)	B(n)
	Oct. 9 1989		Nov. 23, 1989				-T/B(I)	-B(I)
0.5	-0.492	-5.069	-0.0239	0.0267	-0.506	-5.037	0.032	-0.014
1.0	-0.473	-4.577	-0.0222	0.0244	-0.466	-4.531	0.046	0.007
1.5	-0.315	-4.104	-0.0140	0.0163	-0.303	-4.065	0.039	0.012
2.0	-0.188	-3.789	-0.0077	0.0104	-0.181	-3.762	0.027	0.007
2.5	-0.101	-3.601	-0.0036	0.0060	-0.096	-3.581	0.020	0.005
3.0	0.003	-3.500	0.0016	0.0011	0.005	-3.485	0.015	0.002
3.5	0.079	-3.503	0.0053	-0.0029	0.082	-3.490	0.013	0.003
4.0	0.016	-3.582	0.0018	0.0009	0.009	-3.572	0.010	-0.007
4.5	-0.025	-3.598	0.0001	0.0025	-0.024	-3.581	0.017	0.001
5.0	-0.041	-3.573	-0.0008	0.0033	-0.041	-3.557	0.016	0.000
5.5	-0.071	-3.532	-0.0023	0.0052	-0.075	-3.516	0.016	-0.004
6.0	-0.088	-3.461	-0.0037	0.0051	-0.088	-3.441	0.020	0.000
6.5	-0.099	-3.373	-0.0038	0.0059	-0.097	-3.353	0.020	0.002
7.0	-0.101	-3.274	-0.0038	0.0063	-0.101	-3.256	0.018	0.000
7.5	-0.089	-3.173	-0.0033	0.0057	-0.090	-3.155	0.018	-0.001
8.0	-0.075	-3.084	-0.0026	0.0052	-0.078	-3.065	0.019	-0.003
8.5	-0.076	-3.009	-0.0026	0.0051	-0.077	-2.987	0.022	-0.001
9.0	-0.073	-2.933	-0.0025	0.0052	-0.077	-2.910	0.023	-0.004
9.5	-0.125	-2.860	-0.0047	0.0073	-0.120	-2.833	0.027	0.005
10.0	-0.186	-2.735	-0.0081	0.0106	-0.187	-2.713	0.022	-0.001
10.5	-0.216	-2.549	-0.0095	0.0124	-0.219	-2.526	0.023	-0.003
11.0	-0.201	-2.333	-0.0088	0.0114	-0.202	-2.307	0.026	-0.001
11.5	-0.184	-2.132	-0.0079	0.0105	-0.184	-2.105	0.027	0.000
12.0	-0.176	-1.948	-0.0078	0.0096	-0.174	-1.921	0.027	0.002
12.5	-0.134	-1.772	-0.0055	0.0078	-0.133	-1.747	0.025	0.001
13.0	-0.140	-1.638	-0.0058	0.0083	-0.141	-1.614	0.024	-0.001
13.5	-0.183	-1.498	-0.0080	0.0105	-0.185	-1.473	0.025	-0.002
14.0	-0.206	-1.315	-0.0088	0.0117	-0.205	-1.288	0.027	0.001
14.5	-0.210	-1.109	-0.0092	0.0116	-0.208	-1.083	0.026	0.002
15.0	-0.225	-0.899	-0.0103	0.0124	-0.227	-0.875	0.024	-0.002
15.5	-0.113	-0.674	-0.0037	0.0060	-0.097	-0.648	0.026	0.016
16.0	-0.105	-0.561	-0.0042	0.0066	-0.108	-0.551	0.010	-0.003
16.5	-0.134	-0.456	-0.0052	0.0079	-0.131	-0.443	0.013	0.003
17.0	-0.127	-0.322	-0.0050	0.0076	-0.126	-0.312	0.010	0.001
17.5	-0.105	-0.195	-0.0036	0.0066	-0.102	-0.186	0.009	0.003
18.0	-0.090	-0.090	-0.0028	0.0056	-0.084	-0.084	0.006	0.006



CALCULATION SHEET FOR INCLINOMETER

X-4 : B axis DATE : Dec. 21, 1989

DEPTH	B(I) Oct. 9 1989	T/B(I)	B(0) Dec. 21, 1989	B(180)	B(n)	T/B(n)	T/B(n) -T/B(I)	B(n) -B(I)
0.5	-0.492	-5.069	-0.0205	0.0262	-0.467	-4.875	0.194	0.025
1.0	-0.473	-4.577	-0.0205	0.0244	-0.449	-4.408	0.169	0.024
1.5	-0.315	-4.104	-0.0121	0.0160	-0.281	-3.959	0.145	0.034
2.0	-0.188	-3.789	-0.0063	0.0108	-0.171	-3.678	0.111	0.017
2.5	-0.101	-3.601	-0.0020	0.0066	-0.086	-3.507	0.094	0.015
3.0	0.003	-3.500	0.0033	0.0012	0.021	-3.421	0.079	0.018
3.5	0.079	-3.503	0.0061	-0.0015	0.076	-3.442	0.061	-0.003
4.0	0.016	-3.582	0.0027	0.0019	0.008	-3.518	0.064	-0.008
4.5	-0.025	-3.598	0.0015	0.0032	-0.017	-3.526	0.072	0.008
5.0	-0.041	-3.573	0.0001	0.0046	-0.045	-3.509	0.064	-0.004
5.5	-0.071	-3.532	-0.0013	0.0063	-0.076	-3.464	0.068	-0.005
6.0	-0.088	-3.461	-0.0047	0.0048	-0.095	-3.388	0.073	-0.007
6.5	-0.099	-3.373	-0.0015	0.0091	-0.106	-3.293	0.080	-0.007
7.0	-0.101	-3.274	-0.0029	0.0078	-0.107	-3.187	0.087	-0.006
7.5	-0.089	-3.173	-0.0021	0.0071	-0.092	-3.080	0.093	-0.003
8.0	-0.075	-3.084	-0.0016	0.0068	-0.084	-2.988	0.096	-0.009
8.5	-0.076	-3.009	-0.0012	0.0062	-0.074	-2.904	0.105	0.002
9.0	-0.073	-2.933	-0.0009	0.0061	-0.070	-2.830	0.103	0.003
9.5	-0.125	-2.860	-0.0039	0.0088	-0.127	-2.760	0.100	-0.002
10.0	-0.188	-2.735	-0.0065	0.0120	-0.185	-2.633	0.102	0.001
10.5	-0.216	-2.549	-0.0082	0.0137	-0.219	-2.448	0.101	-0.003
11.0	-0.201	-2.333	-0.0071	0.0124	-0.195	-2.229	0.104	0.006
11.5	-0.184	-2.132	-0.0063	0.0117	-0.180	-2.034	0.098	0.004
12.0	-0.176	-1.948	-0.0082	0.0099	-0.181	-1.854	0.094	-0.005
12.5	-0.134	-1.772	-0.0019	0.0095	-0.114	-1.673	0.099	0.020
13.0	-0.140	-1.638	-0.0041	0.0100	-0.141	-1.559	0.079	-0.001
13.5	-0.183	-1.498	-0.0061	0.0120	-0.181	-1.418	0.080	0.002
14.0	-0.206	-1.315	-0.0070	0.0131	-0.201	-1.237	0.078	0.005
14.5	-0.210	-1.109	-0.0071	0.0132	-0.203	-1.036	0.073	0.007
15.0	-0.225	-0.899	-0.0105	0.0128	-0.233	-0.833	0.066	-0.008
15.5	-0.113	-0.674	0.0006	0.0077	-0.071	-0.600	0.074	0.042
16.0	-0.105	-0.561	-0.0024	0.0086	-0.110	-0.529	0.032	-0.005
16.5	-0.134	-0.456	-0.0033	0.0096	-0.129	-0.419	0.037	0.005
17.0	-0.127	-0.322	-0.0027	0.0090	-0.117	-0.290	0.032	0.010
17.5	-0.105	-0.195	-0.0016	0.0080	-0.096	-0.173	0.022	0.009
18.0	-0.090	-0.090	-0.0004	0.0073	-0.077	-0.077	0.013	0.013



CALCULATION SHEET FOR INCLINOMETER

X-4 : B axis DATE : Jan. 19, 1990

DEPTH	B(I) Oct: 9 1989	T/B(I)	B(0) Jan. 19, 1990	B(180)	B(n)	T/B(n)	T/B(n) -T/B(I)	B(n) -B(I)
0.5	-0.492	-5.069	-0.0217	0.0255	-0.472	-4.925	0.144	0.020
1.0	-0.473	-4.577	-0.0210	0.0232	-0.442	-4.453	0.124	0.031
1.5	-0.315	-4.104	-0.0128	0.0149	-0.277	-4.011	0.093	0.038
2.0	-0.188	-3.789	-0.0072	0.0094	-0.166	-3.734	0.055	0.022
2.5	-0.101	-3.601	-0.0030	0.0050	-0.080	-3.568	0.033	0.021
3.0	0.003	-3.500	0.0025	0.0000	0.025	-3.488	0.012	0.022
3.5	0.079	-3.503	0.0049	-0.0026	0.075	-3.513	-0.010	-0.004
4.0	0.016	-3.582	0.0014	0.0011	0.003	-3.588	-0.006	-0.013
4.5	-0.025	-3.598	0.0003	0.0022	-0.019	-3.591	0.007	0.006
5.0	-0.041	-3.573	-0.0014	0.0035	-0.049	-3.572	0.001	-0.008
5.5	-0.071	-3.532	-0.0029	0.0052	-0.081	-3.523	0.009	-0.010
6.0	-0.088	-3.461	-0.0058	0.0037	-0.095	-3.442	0.019	-0.007
6.5	-0.099	-3.373	-0.0026	0.0079	-0.105	-3.347	0.026	-0.006
7.0	-0.101	-3.274	-0.0038	0.0064	-0.102	-3.242	0.032	-0.001
7.5	-0.089	-3.173	-0.0034	0.0058	-0.092	-3.140	0.033	-0.003
8.0	-0.075	-3.084	-0.0028	0.0054	-0.082	-3.048	0.036	-0.007
8.5	-0.076	-3.009	-0.0024	0.0049	-0.073	-2.966	0.043	0.003
9.0	-0.073	-2.933	-0.0020	0.0053	-0.073	-2.893	0.040	0.000
9.5	-0.125	-2.860	-0.0051	0.0077	-0.128	-2.820	0.040	-0.003
10.0	-0.186	-2.735	-0.0082	0.0109	-0.191	-2.692	0.043	-0.005
10.5	-0.216	-2.549	-0.0093	0.0124	-0.217	-2.501	0.048	-0.001
11.0	-0.201	-2.333	-0.0084	0.0114	-0.198	-2.284	0.049	0.003
11.5	-0.184	-2.132	-0.0078	0.0106	-0.184	-2.086	0.046	0.000
12.0	-0.176	-1.948	-0.0097	0.0087	-0.184	-1.902	0.046	-0.008
12.5	-0.134	-1.772	-0.0038	0.0083	-0.121	-1.718	0.054	0.013
13.0	-0.140	-1.638	-0.0056	0.0085	-0.141	-1.597	0.041	-0.001
13.5	-0.183	-1.498	-0.0078	0.0107	-0.185	-1.456	0.042	-0.002
14.0	-0.206	-1.315	-0.0085	0.0117	-0.202	-1.271	0.044	0.004
14.5	-0.210	-1.109	-0.0091	0.0116	-0.207	-1.069	0.040	0.003
15.0	-0.225	-0.899	-0.0120	0.0117	-0.237	-0.862	0.037	-0.012
15.5	-0.113	-0.674	-0.0023	0.0063	-0.086	-0.625	0.049	0.027
16.0	-0.105	-0.561	-0.0041	0.0074	-0.115	-0.539	0.022	-0.010
16.5	-0.134	-0.456	-0.0048	0.0079	-0.127	-0.424	0.032	0.007
17.0	-0.127	-0.322	-0.0043	0.0075	-0.118	-0.297	0.025	0.009
17.5	-0.105	-0.195	-0.0032	0.0066	-0.098	-0.179	0.016	0.007
18.0	-0.090	-0.090	-0.0023	0.0058	-0.081	-0.081	0.009	0.009



CALCULATION SHEET FOR INCLINOMETER

X-4 : B axis DATE : Feb. 28, 1990

DEPTH	B(I) Oct. 9 1989	T/B(I)	B(0) Feb. 28, 1990	B(180)	B(n)	T/B(n)	T/B(n) -T/B(I)	B(n) -B(I)
0.5	-0.492	-5.265	-0.0227	0.0247	-0.474	-5.216	0.049	0.018
1.0	-0.473	-4.773	-0.0218	0.0228	-0.446	-4.742	0.031	0.027
1.5	-0.315	-4.300	-0.0136	0.0141	-0.277	-4.296	0.004	0.038
2.0	-0.188	-3.985	-0.0080	0.0088	-0.168	-4.019	-0.034	0.020
2.5	-0.101	-3.797	-0.0041	0.0048	-0.089	-3.851	-0.054	0.012
3.0	-0.003	-3.696	-0.0017	0.0007	-0.024	-3.762	-0.066	-0.021
3.5	-0.079	-3.693	-0.0044	0.0034	-0.078	-3.738	-0.045	0.001
4.0	-0.016	-3.614	-0.0008	0.0001	-0.009	-3.660	-0.046	0.007
4.5	-0.025	-3.598	-0.0003	0.0014	-0.017	-3.651	-0.053	0.008
5.0	-0.041	-3.573	-0.0017	0.0027	-0.044	-3.634	-0.061	-0.003
5.5	-0.071	-3.532	-0.0034	0.0043	-0.077	-3.590	-0.058	-0.006
6.0	-0.089	-3.461	-0.0070	0.0031	-0.101	-3.513	-0.052	-0.013
6.5	-0.099	-3.373	-0.0046	0.0083	-0.129	-3.412	-0.039	-0.030
7.0	-0.101	-3.274	-0.0065	0.0075	-0.140	-3.283	-0.009	-0.039
7.5	-0.089	-3.173	-0.0056	0.0063	-0.119	-3.143	0.030	-0.030
8.0	-0.075	-3.084	-0.0041	0.0051	-0.092	-3.024	0.060	-0.017
8.5	-0.076	-3.009	-0.0033	0.0041	-0.074	-2.932	0.077	0.002
9.0	-0.073	-2.933	-0.0027	0.0041	-0.068	-2.858	0.075	0.005
9.5	-0.125	-2.860	-0.0061	0.0067	-0.128	-2.790	0.070	-0.003
10.0	-0.186	-2.735	-0.0087	0.0098	-0.185	-2.662	0.073	0.001
10.5	-0.216	-2.549	-0.0101	0.0115	-0.216	-2.477	0.072	0.000
11.0	-0.201	-2.333	-0.0094	0.0103	-0.197	-2.261	0.072	0.004
11.5	-0.184	-2.132	-0.0085	0.0094	-0.179	-2.064	0.068	0.005
12.0	-0.176	-1.948	-0.0110	0.0080	-0.190	-1.885	0.063	-0.014
12.5	-0.134	-1.772	-0.0042	0.0073	-0.115	-1.685	0.077	0.019
13.0	-0.140	-1.638	-0.0065	0.0078	-0.143	-1.580	0.058	-0.003
13.5	-0.183	-1.498	-0.0085	0.0096	-0.181	-1.437	0.061	0.002
14.0	-0.206	-1.315	-0.0094	0.0108	-0.202	-1.256	0.059	0.004
14.5	-0.210	-1.109	-0.0097	0.0109	-0.206	-1.054	0.055	0.004
15.0	-0.225	-0.899	-0.0131	0.0106	-0.237	-0.848	0.051	-0.012
15.5	-0.113	-0.674	-0.0022	0.0054	-0.076	-0.611	0.063	0.037
16.0	-0.105	-0.561	-0.0050	0.0063	-0.113	-0.535	0.026	-0.003
16.5	-0.134	-0.456	-0.0057	0.0072	-0.129	-0.422	0.034	0.005
17.0	-0.127	-0.322	-0.0053	0.0054	-0.117	-0.293	0.029	0.010
17.5	-0.105	-0.185	-0.0040	0.0056	-0.096	-0.176	0.019	0.009
18.0	-0.090	-0.090	-0.0033	0.0047	-0.080	-0.080	0.010	0.010



CALCULATION SHEET FOR INCLINOMETER

X-4 : B axis

DATE : MCH. 17 1990

DEPTH	B(I) Oct. 9 1989	T/B(I)	B(0) Mch. 17, 1990	B(180)	B(n)	T/B(n)	T/B(n) -T/B(I)	B(n) -B(I)
0.5	-0.492	-5.069	-0.0224	0.0241	-0.465	-5.159	-0.090	0.027
1.0	-0.473	-4.577	-0.0222	0.0221	-0.443	-4.694	-0.117	0.030
1.5	-0.315	-4.104	-0.0143	0.0137	-0.280	-4.251	-0.147	0.035
2.0	-0.188	-3.789	-0.0085	0.0083	-0.168	-3.971	-0.182	0.020
2.5	-0.101	-3.601	-0.0046	0.0043	-0.089	-3.803	-0.202	0.012
3.0	0.003	-3.500	0.0013	-0.0009	0.022	-3.714	-0.214	0.019
3.5	0.079	-3.503	0.0042	-0.0038	0.080	-3.736	-0.233	0.001
4.0	0.016	-3.582	0.0004	0.0000	0.004	-3.816	-0.234	-0.012
4.5	-0.025	-3.598	-0.0008	0.0010	-0.018	-3.820	-0.222	0.007
5.0	-0.041	-3.573	-0.0022	0.0025	-0.047	-3.802	-0.229	-0.006
5.5	-0.071	-3.532	-0.0039	0.0041	-0.080	-3.755	-0.223	-0.009
6.0	-0.088	-3.461	-0.0077	0.0039	-0.116	-3.675	-0.214	-0.028
6.5	-0.099	-3.373	-0.0074	0.0093	-0.167	-3.559	-0.186	-0.068
7.0	-0.101	-3.274	-0.0091	0.0092	-0.183	-3.392	-0.118	-0.082
7.5	-0.039	-3.173	-0.0033	0.0082	-0.165	-3.209	-0.036	-0.076
8.0	-0.075	-3.084	-0.0057	0.0058	-0.115	-3.044	0.040	-0.040
8.5	-0.076	-3.009	-0.0039	0.0040	-0.079	-2.929	0.080	-0.003
9.0	-0.073	-2.933	-0.0030	0.0038	-0.068	-2.850	0.083	0.005
9.5	-0.125	-2.860	-0.0057	0.0065	-0.122	-2.782	0.078	0.003
10.0	-0.186	-2.735	-0.0090	0.0097	-0.187	-2.660	0.075	-0.001
10.5	-0.216	-2.549	-0.0106	0.0110	-0.216	-2.473	0.076	0.000
11.0	-0.201	-2.333	-0.0095	0.0101	-0.196	-2.257	0.076	0.005
11.5	-0.184	-2.132	-0.0088	0.0092	-0.180	-2.061	0.071	0.004
12.0	-0.176	-1.943	-0.0095	0.0076	-0.171	-1.881	0.067	0.005
12.5	-0.134	-1.772	-0.0065	0.0071	-0.136	-1.710	0.062	-0.002
13.0	-0.140	-1.638	-0.0070	0.0072	-0.142	-1.574	0.064	-0.002
13.5	-0.183	-1.498	-0.0088	0.0094	-0.182	-1.432	0.066	0.001
14.0	-0.206	-1.315	-0.0097	0.0103	-0.200	-1.250	0.065	0.006
14.5	-0.210	-1.109	-0.0101	0.0106	-0.207	-1.050	0.059	0.003
15.0	-0.225	-0.899	-0.0122	0.0097	-0.219	-0.843	0.056	0.006
15.5	-0.113	-0.674	-0.0038	0.0039	-0.077	-0.624	0.050	0.036
16.0	-0.105	-0.561	-0.0054	0.0062	-0.116	-0.547	0.014	-0.011
16.5	-0.134	-0.456	-0.0062	0.0067	-0.129	-0.431	0.025	0.005
17.0	-0.127	-0.322	-0.0059	0.0063	-0.122	-0.302	0.020	0.005
17.5	-0.105	-0.135	-0.0046	0.0052	-0.093	-0.180	0.015	0.007
18.0	-0.090	-0.090	-0.0036	0.0046	-0.082	-0.082	0.008	0.008

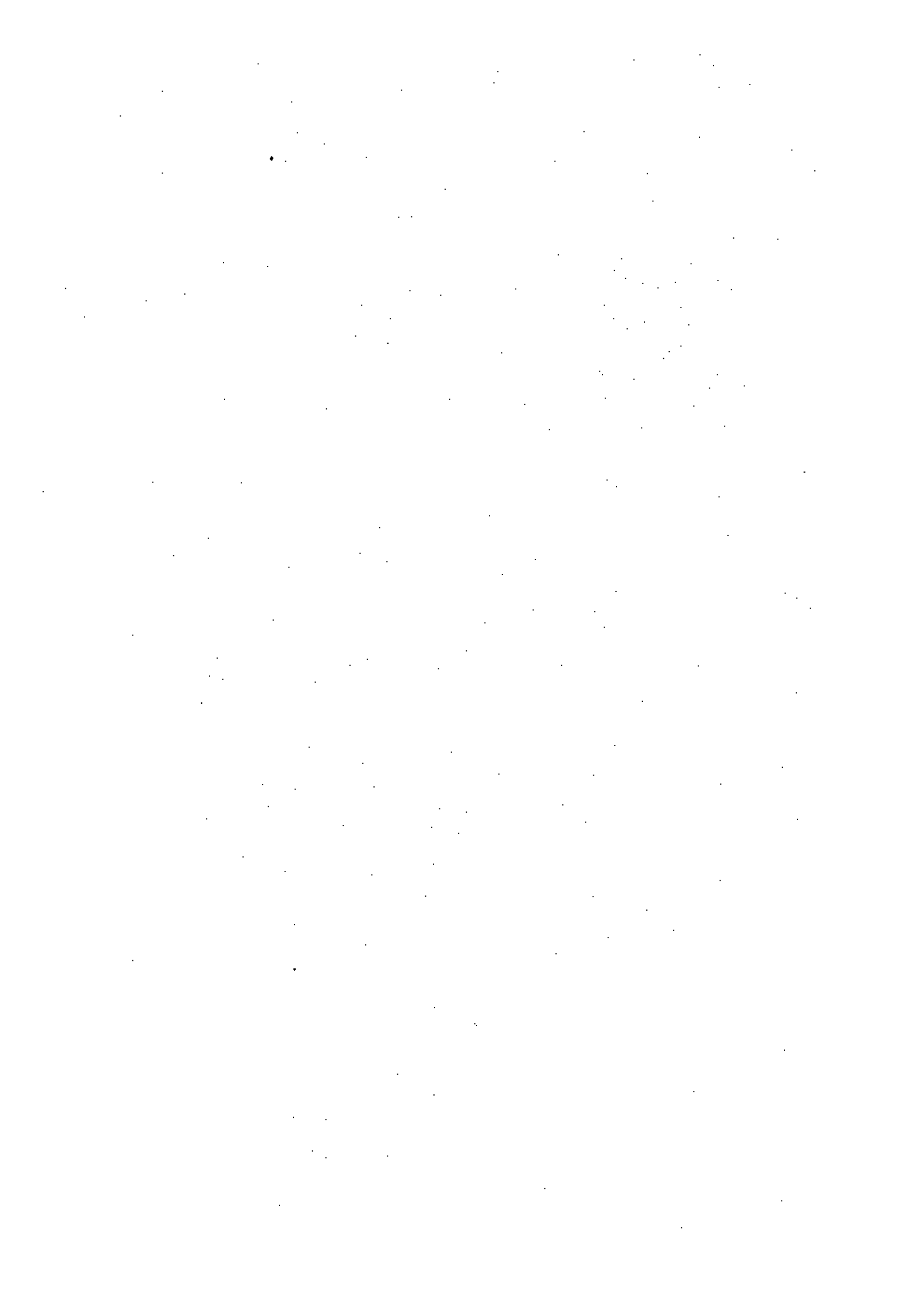


CALCULATION SHEET FOR INCLINOMETER

X-4 : E axis

DATE : APR. 23, 1990

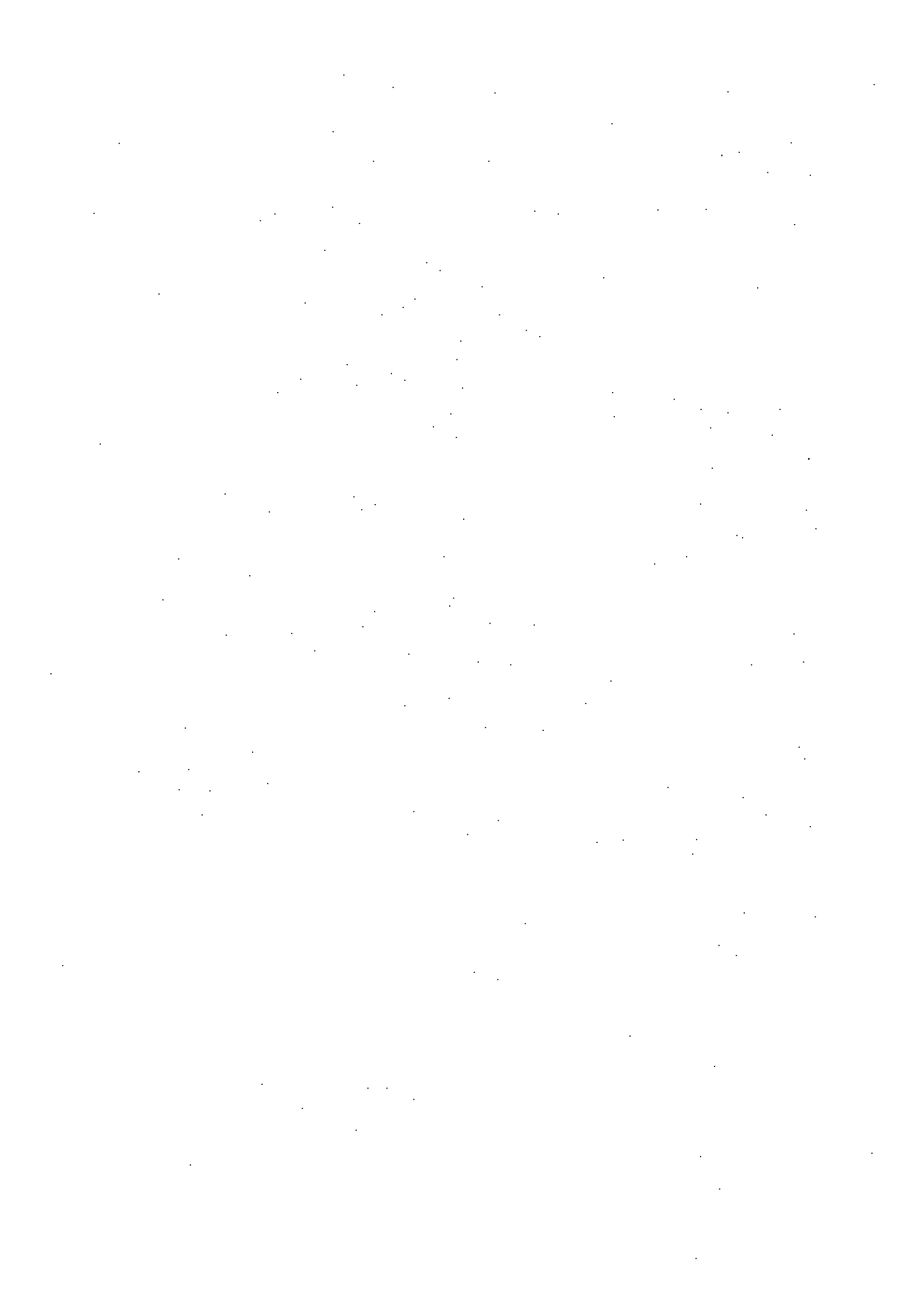
DEPTH	B(I)	T/B(I)	B(0)	B(180)	B(n)	T/B(n)	T/B(n)	B(n)
	Oct. 9 1989		Apr. 23, 1990				-T/B(I)	-B(I)
0.5	-0.492	-5.069	-0.0232	0.0232	-0.464	-5.201	-0.132	0.028
1.0	-0.473	-4.577	-0.0230	0.0229	-0.459	-4.737	-0.160	0.014
1.5	-0.315	-4.104	-0.0149	0.0150	-0.299	-4.278	-0.174	0.016
2.0	-0.188	-3.789	-0.0092	0.0089	-0.181	-3.979	-0.190	0.007
2.5	-0.101	-3.601	-0.0049	0.0050	-0.099	-3.798	-0.197	0.002
3.0	0.003	-3.500	-0.0001	0.0000	-0.001	-3.699	-0.199	-0.004
3.5	0.079	-3.503	0.0041	-0.0044	0.085	-3.698	-0.195	0.006
4.0	0.016	-3.582	0.0007	-0.0002	0.009	-3.783	-0.201	-0.007
4.5	-0.025	-3.598	-0.0011	0.0009	-0.020	-3.792	-0.194	0.005
5.0	-0.041	-3.573	-0.0021	0.0019	-0.040	-3.772	-0.199	0.001
5.5	-0.071	-3.532	-0.0040	0.0037	-0.077	-3.732	-0.200	-0.006
6.0	-0.088	-3.461	-0.0063	0.0044	-0.107	-3.655	-0.194	-0.019
6.5	-0.099	-3.373	-0.0075	0.0073	-0.148	-3.548	-0.175	-0.049
7.0	-0.101	-3.274	-0.0090	0.0088	-0.178	-3.400	-0.126	-0.077
7.5	-0.089	-3.173	-0.0084	0.0084	-0.168	-3.222	-0.049	-0.079
8.0	-0.075	-3.084	-0.0063	0.0062	-0.125	-3.054	0.030	-0.050
8.5	-0.076	-3.009	-0.0043	0.0043	-0.086	-2.929	0.080	-0.010
9.0	-0.073	-2.933	-0.0035	0.0034	-0.069	-2.843	0.090	0.004
9.5	-0.125	-2.860	-0.0055	0.0056	-0.111	-2.774	0.086	0.014
10.0	-0.186	-2.735	-0.0090	0.0082	-0.172	-2.693	0.072	0.014
10.5	-0.216	-2.549	-0.0109	0.0108	-0.217	-2.491	0.058	-0.001
11.0	-0.201	-2.333	-0.0100	0.0100	-0.200	-2.274	0.059	0.001
11.5	-0.184	-2.132	-0.0091	0.0090	-0.181	-2.074	0.058	0.003
12.0	-0.176	-1.948	-0.0094	0.0082	-0.176	-1.893	0.055	0.000
12.5	-0.134	-1.772	-0.0068	0.0067	-0.135	-1.717	0.055	-0.001
13.0	-0.140	-1.638	-0.0068	0.0068	-0.136	-1.582	0.056	0.004
13.5	-0.183	-1.498	-0.0087	0.0086	-0.173	-1.446	0.052	0.010
14.0	-0.206	-1.315	-0.0100	0.0098	-0.198	-1.273	0.042	0.008
14.5	-0.210	-1.109	-0.0102	0.0101	-0.203	-1.075	0.034	0.007
15.0	-0.225	-0.899	-0.0120	0.0102	-0.222	-0.872	0.027	0.003
15.5	-0.113	-0.674	-0.0052	0.0051	-0.103	-0.650	0.024	0.010
16.0	-0.105	-0.561	-0.0057	0.0052	-0.109	-0.547	0.014	-0.004
16.5	-0.134	-0.456	-0.0065	0.0063	-0.128	-0.438	0.018	0.006
17.0	-0.127	-0.322	-0.0062	0.0061	-0.123	-0.310	0.012	0.004
17.5	-0.105	-0.195	-0.0050	0.0052	-0.102	-0.187	0.008	0.003
18.0	-0.090	-0.090	-0.0041	0.0044	-0.085	-0.085	0.005	0.005



CALCULATION SHEET FOR INCLINOMETER

X-4 : B axis DATE : MAY.24, 1990

DEPTH	B(I) Oct. 9 1989	T/B(I)	B(0) May. 24, 1990	B(180)	B(n)	T/B(n)	T/B(n) -T/B(I)	B(n) -B(I)
0.5	-0.492	-5.069	-0.0232	0.0242	-0.474	-5.257	-0.188	0.018
1.0	-0.473	-4.577	-0.0225	0.0223	-0.448	-4.783	-0.206	0.025
1.5	-0.315	-4.104	-0.0144	0.0139	-0.283	-4.335	-0.231	0.032
2.0	-0.188	-3.769	-0.0086	0.0084	-0.170	-4.052	-0.263	0.018
2.5	-0.101	-3.601	-0.0048	0.0044	-0.092	-3.882	-0.281	0.009
3.0	0.003	-3.500	0.0009	-0.0003	0.017	-3.790	-0.290	0.014
3.5	0.079	-3.503	0.0034	-0.0041	0.075	-3.807	-0.304	-0.004
4.0	0.016	-3.582	0.0060	-0.0004	0.004	-3.882	-0.300	-0.012
4.5	-0.025	-3.598	-0.0012	0.0007	-0.019	-3.886	-0.288	0.006
5.0	-0.041	-3.573	-0.0029	0.0019	-0.048	-3.867	-0.294	-0.007
5.5	-0.071	-3.532	-0.0046	0.0037	-0.083	-3.819	-0.287	-0.012
6.0	-0.088	-3.461	-0.0075	0.0032	-0.107	-3.736	-0.275	-0.019
6.5	-0.099	-3.373	-0.0067	0.0039	-0.156	-3.629	-0.256	-0.057
7.0	-0.101	-3.274	-0.0092	0.0037	-0.179	-3.473	-0.199	-0.078
7.5	-0.089	-3.173	-0.0036	0.0031	-0.167	-3.294	-0.121	-0.078
8.0	-0.075	-3.084	-0.0063	0.0060	-0.123	-3.127	-0.043	-0.048
8.5	-0.076	-3.009	-0.0045	0.0039	-0.084	-3.004	0.005	-0.008
9.0	-0.073	-2.933	-0.0034	0.0034	-0.068	-2.920	0.013	0.005
9.5	-0.125	-2.860	-0.0068	0.0059	-0.127	-2.852	0.008	-0.002
10.0	-0.186	-2.735	-0.0098	0.0090	-0.188	-2.725	0.010	-0.002
10.5	-0.216	-2.549	-0.0112	0.0107	-0.219	-2.537	0.012	-0.003
11.0	-0.201	-2.333	-0.0105	0.0095	-0.200	-2.318	0.015	0.001
11.5	-0.184	-2.132	-0.0102	0.0086	-0.188	-2.118	0.014	-0.004
12.0	-0.176	-1.948	-0.0117	0.0071	-0.188	-1.930	0.013	-0.012
12.5	-0.134	-1.772	-0.0059	0.0068	-0.127	-1.742	0.030	0.007
13.0	-0.140	-1.638	-0.0078	0.0069	-0.147	-1.615	0.023	-0.007
13.5	-0.183	-1.498	-0.0096	0.0088	-0.184	-1.468	0.030	-0.001
14.0	-0.206	-1.315	-0.0105	0.0100	-0.205	-1.284	0.031	0.001
14.5	-0.210	-1.109	-0.0110	0.0103	-0.213	-1.079	0.030	-0.003
15.0	-0.225	-0.899	-0.0130	0.0097	-0.227	-0.866	0.033	-0.002
15.5	-0.113	-0.674	-0.0040	0.0051	-0.091	-0.633	0.035	0.022
16.0	-0.105	-0.561	-0.0053	0.0057	-0.120	-0.548	0.013	-0.015
16.5	-0.134	-0.456	-0.0070	0.0063	-0.133	-0.428	0.028	0.001
17.0	-0.127	-0.322	-0.0064	0.0058	-0.122	-0.295	0.027	0.005
17.5	-0.105	-0.195	-0.0051	0.0046	-0.097	-0.173	0.022	0.008
18.0	-0.090	-0.090	-0.0040	0.0036	-0.076	-0.076	0.014	0.014



CALCULATION SHEET FOR INCLINOMETER

X-4 : B axis DATE : JUNE.20, 1990

DEPTH	B(I) Oct. 9 1989	T/B(I)	B(0) June. 20, 1990	B(180)	B(n)	T/B(n)	T/B(n) -T/B(I)	B(n) -B(I)
0.5	-0.492	-5.069	-0.0235	0.0242	-0.477	-5.228	-0.159	0.015
1.0	-0.473	-4.577	-0.0227	0.0220	-0.447	-4.751	-0.174	0.026
1.5	-0.315	-4.104	-0.0144	0.0136	-0.280	-4.304	-0.200	0.035
2.0	-0.188	-3.789	-0.0091	0.0080	-0.171	-4.024	-0.235	0.017
2.5	-0.101	-3.601	-0.0050	0.0041	-0.091	-3.853	-0.252	0.010
3.0	0.003	-3.500	0.0005	-0.0011	0.016	-3.762	-0.262	0.013
3.5	0.079	-3.503	0.0033	-0.0044	0.077	-3.773	-0.275	-0.002
4.0	0.016	-3.582	-0.0003	-0.0005	0.002	-3.855	-0.273	-0.014
4.5	-0.025	-3.598	-0.0015	0.0003	-0.018	-3.857	-0.259	0.007
5.0	-0.041	-3.573	-0.0028	0.0018	-0.046	-3.839	-0.266	-0.005
5.5	-0.071	-3.532	-0.0045	0.0035	-0.080	-3.793	-0.261	-0.009
6.0	-0.088	-3.461	-0.0076	0.0035	-0.111	-3.713	-0.252	-0.023
6.5	-0.099	-3.373	-0.0068	0.0087	-0.155	-3.602	-0.229	-0.056
7.0	-0.101	-3.274	-0.0094	0.0083	-0.177	-3.447	-0.173	-0.076
7.5	-0.089	-3.173	-0.0089	0.0077	-0.166	-3.270	-0.097	-0.077
8.0	-0.075	-3.084	-0.0066	0.0057	-0.123	-3.104	-0.020	-0.048
8.5	-0.076	-3.009	-0.0047	0.0034	-0.081	-2.981	0.028	-0.005
9.0	-0.073	-2.933	-0.0039	0.0032	-0.071	-2.900	0.033	0.002
9.5	-0.125	-2.860	-0.0067	0.0056	-0.123	-2.829	0.031	0.002
10.0	-0.136	-2.735	-0.0100	0.0091	-0.191	-2.706	0.029	-0.005
10.5	-0.216	-2.549	-0.0115	0.0105	-0.220	-2.515	0.034	-0.004
11.0	-0.201	-2.333	-0.0105	0.0093	-0.198	-2.295	0.038	0.003
11.5	-0.184	-2.132	-0.0095	0.0086	-0.181	-2.097	0.035	0.003
12.0	-0.176	-1.948	-0.0114	0.0071	-0.185	-1.916	0.032	-0.009
12.5	-0.134	-1.772	-0.0058	0.0065	-0.123	-1.731	0.041	0.011
13.0	-0.140	-1.638	-0.0077	0.0066	-0.143	-1.608	0.030	-0.003
13.5	-0.183	-1.498	-0.0097	0.0086	-0.183	-1.465	0.033	0.000
14.0	-0.206	-1.315	-0.0106	0.0097	-0.203	-1.282	0.033	0.003
14.5	-0.210	-1.109	-0.0109	0.0098	-0.207	-1.079	0.030	0.003
15.0	-0.225	-0.899	-0.0141	0.0098	-0.239	-0.872	0.027	-0.014
15.5	-0.113	-0.674	-0.0034	0.0047	-0.081	-0.633	0.041	0.032
16.0	-0.105	-0.561	-0.0063	0.0053	-0.116	-0.552	0.009	-0.011
16.5	-0.134	-0.456	-0.0071	0.0062	-0.133	-0.436	0.020	0.001
17.0	-0.127	-0.322	-0.0066	0.0055	-0.121	-0.303	0.019	0.006
17.5	-0.105	-0.195	-0.0054	0.0046	-0.100	-0.182	0.013	0.005
18.0	-0.090	-0.090	-0.0045	0.0037	-0.082	-0.082	0.008	0.008



INITIAL READING OF INCLINOMETERS

HOLE No. Z-1 DATE : Sep. 23, 1989

DEPTH (m)	A(0)	A(180)	A(I) (cm)	T/A(I)	B(0)	B(180)	B(I) (cm)	T/B(I)
0.5	-0.0165	0.0162	-0.327	4.508	-0.0238	0.0295	-0.533	-13.912
1.0	-0.0206	0.0200	-0.406	4.835	-0.0236	0.0290	-0.526	-13.379
1.5	-0.0156	0.0162	-0.318	5.241	-0.0149	0.0204	-0.353	-12.853
2.0	-0.0077	0.0072	-0.149	5.559	-0.0059	0.0113	-0.172	-12.500
2.5	-0.0018	0.0013	-0.031	5.708	-0.0066	0.0123	-0.189	-12.328
3.0	-0.0094	0.0089	-0.183	5.739	-0.0172	0.0228	-0.400	-12.139
3.5	-0.0127	0.0120	-0.247	5.922	-0.0230	0.0283	-0.513	-11.739
4.0	-0.0121	0.0116	-0.237	6.169	-0.0264	0.0320	-0.584	-11.226
4.5	-0.0093	0.0086	-0.179	6.406	-0.0289	0.0342	-0.631	-10.642
5.0	-0.0063	0.0058	-0.121	6.585	-0.0300	0.0356	-0.656	-10.011
5.5	-0.0030	0.0021	-0.051	6.706	-0.0273	0.0318	-0.591	-9.355
6.0	0.0111	-0.0116	0.227	6.757	-0.0142	0.0185	-0.327	-8.764
6.5	0.0151	-0.0156	0.307	6.530	-0.0126	0.0181	-0.307	-8.437
7.0	0.0193	-0.0198	0.391	6.223	-0.0105	0.0157	-0.262	-8.130
7.5	0.0225	-0.0230	0.455	5.832	-0.0081	0.0135	-0.216	-7.868
8.0	0.0210	-0.0216	0.426	5.377	-0.0070	0.0122	-0.192	-7.652
8.5	0.0197	-0.0203	0.400	4.951	-0.0042	0.0094	-0.136	-7.460
9.0	0.0136	-0.0141	0.277	4.551	-0.0074	0.0126	-0.200	-7.324
9.5	0.0143	-0.0147	0.290	4.274	-0.0071	0.0121	-0.192	-7.124
10.0	0.0158	-0.0163	0.321	3.984	-0.0066	0.0118	-0.184	-6.932
10.5	0.0156	-0.0161	0.317	3.663	-0.0089	0.0138	-0.227	-6.748
11.0	0.0156	-0.0160	0.316	3.346	-0.0099	0.0150	-0.249	-6.521
11.5	0.0151	-0.0157	0.308	3.030	-0.0101	0.0136	-0.237	-6.272
12.0	0.0072	-0.0075	0.147	2.722	-0.0108	0.0158	-0.266	-6.035
12.5	0.0059	-0.0064	0.123	2.575	-0.0116	0.0167	-0.283	-5.769
13.0	0.0040	-0.0044	0.084	2.452	-0.0117	0.0166	-0.283	-5.486
13.5	0.0028	-0.0032	0.060	2.368	-0.0102	0.0152	-0.254	-5.203
14.0	0.0043	-0.0046	0.069	2.308	-0.0095	0.0144	-0.239	-4.949
14.5	0.0056	-0.0047	0.103	2.219	-0.0106	0.0155	-0.261	-4.710
15.0	0.0092	-0.0095	0.187	2.116	-0.0121	0.0171	-0.292	-4.449
15.5	0.0112	-0.0115	0.227	1.929	-0.0151	0.0197	-0.348	-4.157
16.0	0.0113	-0.0118	0.231	1.702	-0.0155	0.0204	-0.359	-3.809
16.5	0.0091	-0.0094	0.185	1.471	-0.0150	0.0198	-0.348	-3.450
17.0	0.0067	-0.0073	0.140	1.286	-0.0152	0.0199	-0.351	-3.102
17.5	0.0058	-0.0063	0.121	1.146	-0.0177	0.0218	-0.395	-2.751
18.0	0.0073	-0.0078	0.151	1.025	-0.0233	0.0278	-0.511	-2.356
18.5	0.0087	-0.0092	0.179	0.874	-0.0221	0.0268	-0.489	-1.845
19.0	0.0097	-0.0100	0.197	0.695	-0.0224	0.0268	-0.492	-1.356
19.5	0.0106	-0.0113	0.219	0.498	-0.0205	0.0249	-0.454	-0.864
20.0	0.0139	-0.0140	0.279	0.279	-0.0182	0.0228	-0.410	-0.410



CALCULATION SHEET FOR INCLINOMETER

Z-1 : B axis DATE : Oct. 23, 1989

DEPTH	B(I) Sep. 23, 1989	T/B(I)	B(0) Oct. 23, 1989	B(180)	B(n)	T/B(n)	T/B(n)	B(n) -B(I)
0.5	-0.533	-13.912	-0.0211	0.0315	-0.526	-13.436	0.476	0.007
1.0	-0.526	-13.379	-0.0196	0.0296	-0.492	-12.910	0.469	0.034
1.5	-0.353	-12.853	-0.0091	0.0188	-0.279	-12.418	0.435	0.074
2.0	-0.172	-12.500	-0.0026	0.0125	-0.151	-12.139	0.361	0.021
2.5	-0.189	-12.328	-0.0069	0.0165	-0.234	-11.988	0.340	-0.045
3.0	-0.400	-12.139	-0.0157	0.0257	-0.414	-11.754	0.385	-0.014
3.5	-0.513	-11.739	-0.0214	0.0314	-0.528	-11.340	0.399	-0.015
4.0	-0.584	-11.226	-0.0244	0.0343	-0.587	-10.812	0.414	-0.003
4.5	-0.631	-10.642	-0.0262	0.0364	-0.626	-10.225	0.417	0.005
5.0	-0.656	-10.011	-0.0275	0.0374	-0.649	-9.599	0.412	0.007
5.5	-0.591	-9.355	-0.0205	0.0294	-0.499	-8.950	0.405	0.092
6.0	-0.327	-8.764	-0.0110	0.0209	-0.319	-8.451	0.313	0.008
6.5	-0.307	-8.437	-0.0094	0.0194	-0.288	-8.132	0.305	0.019
7.0	-0.262	-8.130	-0.0069	0.0168	-0.237	-7.844	0.286	0.025
7.5	-0.216	-7.868	-0.0049	0.0149	-0.198	-7.607	0.261	0.018
8.0	-0.192	-7.652	-0.0037	0.0138	-0.175	-7.409	0.243	0.017
8.5	-0.136	-7.460	-0.0017	0.0116	-0.133	-7.234	0.226	0.003
9.0	-0.200	-7.324	-0.0042	0.0143	-0.165	-7.101	0.223	0.015
9.5	-0.192	-7.124	-0.0038	0.0140	-0.178	-6.916	0.208	0.014
10.0	-0.184	-6.932	-0.0037	0.0138	-0.175	-6.738	0.194	0.009
10.5	-0.227	-6.748	-0.0064	0.0167	-0.231	-6.563	0.185	-0.004
11.0	-0.249	-6.521	-0.0067	0.0167	-0.234	-6.332	0.189	0.015
11.5	-0.237	-6.272	-0.0073	0.0161	-0.234	-6.098	0.174	0.003
12.0	-0.266	-6.035	-0.0081	0.0182	-0.263	-5.864	0.171	0.003
12.5	-0.283	-5.769	-0.0087	0.0188	-0.275	-5.601	0.168	0.008
13.0	-0.283	-5.486	-0.0079	0.0182	-0.261	-5.326	0.160	0.022
13.5	-0.254	-5.203	-0.0069	0.0169	-0.238	-5.065	0.138	0.016
14.0	-0.239	-4.949	-0.0060	0.0163	-0.223	-4.827	0.122	0.016
14.5	-0.261	-4.710	-0.0083	0.0184	-0.267	-4.604	0.106	-0.006
15.0	-0.292	-4.449	-0.0092	0.0195	-0.287	-4.337	0.112	0.005
15.5	-0.348	-4.157	-0.0123	0.0226	-0.349	-4.050	0.107	-0.001
16.0	-0.359	-3.809	-0.0120	0.0222	-0.342	-3.701	0.108	0.017
16.5	-0.348	-3.450	-0.0116	0.0220	-0.336	-3.359	0.091	0.012
17.0	-0.351	-3.102	-0.0119	0.0221	-0.340	-3.023	0.079	0.011
17.5	-0.395	-2.751	-0.0160	0.0262	-0.422	-2.683	0.068	-0.027
18.0	-0.511	-2.356	-0.0194	0.0296	-0.490	-2.261	0.095	0.021
18.5	-0.489	-1.845	-0.0187	0.0290	-0.477	-1.771	0.074	0.012
19.0	-0.492	-1.356	-0.0185	0.0289	-0.474	-1.294	0.062	0.018
19.5	-0.454	-0.864	-0.0162	0.0264	-0.426	-0.820	0.044	0.028
20.0	-0.41	-0.410	-0.0144	0.0250	-0.394	-0.394	0.016	0.016



CALCULATION SHEET FOR INCLINOMETER

Z-1 : B axis DATE : Nov. 21, 1989

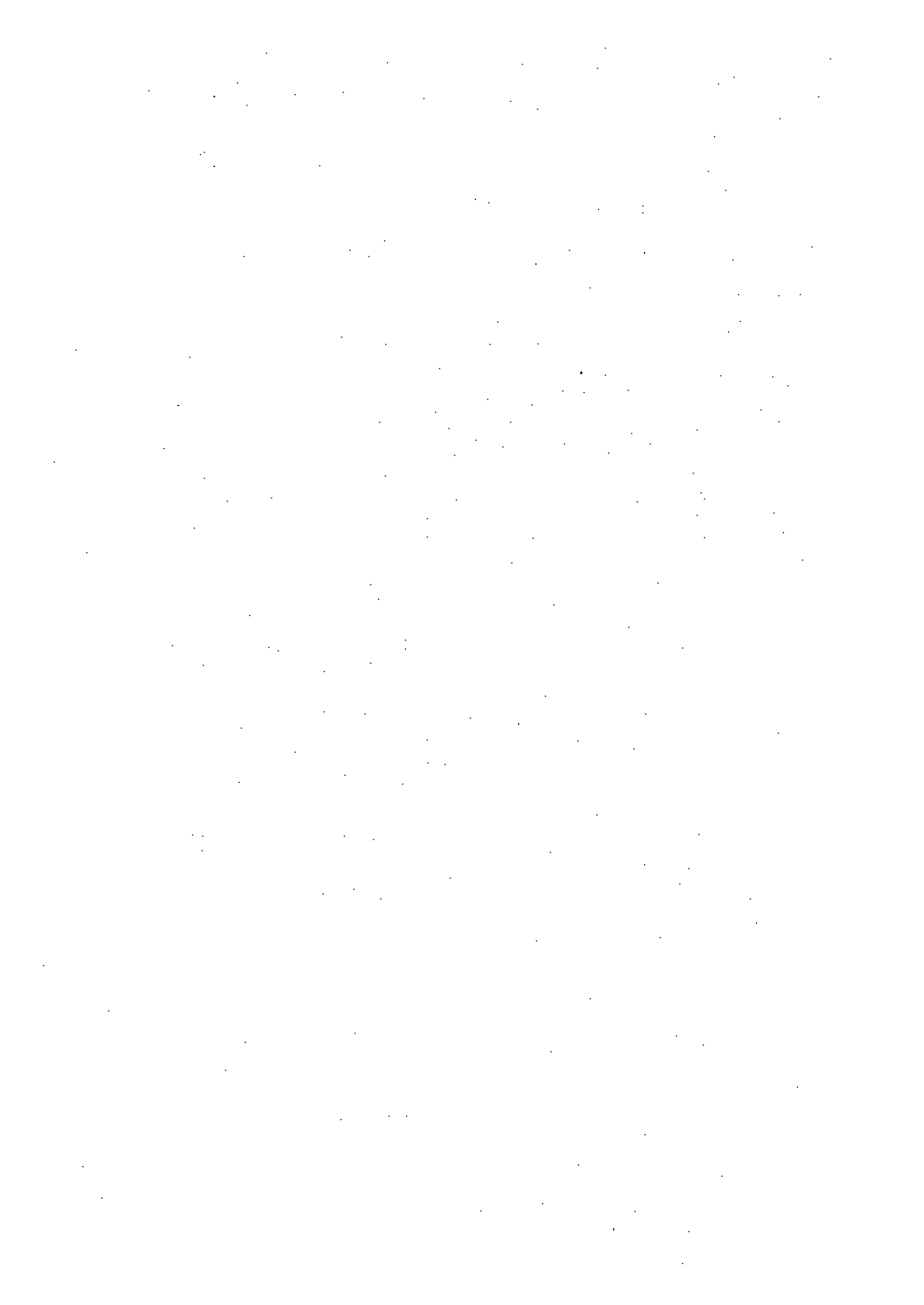
DEPTH	B(I) Sep. 23, 1989	T/B(I) 1989	B(0) Nov. 21, 1989	B(180) 1989	B(n)	T/B(n)	T/B(n)	B(n) -B(I)
0.5	-0.533	-13.912	-0.0224	0.0302	-0.526	-13.417	0.495	0.007
1.0	-0.526	-13.379	-0.0213	0.0290	-0.503	-12.891	0.488	0.023
1.5	-0.353	-12.853	-0.0122	0.0197	-0.319	-12.388	0.465	0.034
2.0	-0.172	-12.500	-0.0041	0.0118	-0.159	-12.069	0.431	0.013
2.5	-0.189	-12.328	-0.0063	0.0138	-0.201	-11.910	0.418	-0.012
3.0	-0.400	-12.139	-0.0161	0.0239	-0.400	-11.709	0.430	0.000
3.5	-0.513	-11.739	-0.0218	0.0296	-0.514	-11.309	0.430	-0.001
4.0	-0.584	-11.226	-0.0253	0.0330	-0.583	-10.795	0.431	0.001
4.5	-0.631	-10.642	-0.0272	0.0351	-0.623	-10.212	0.430	0.008
5.0	-0.656	-10.011	-0.0286	0.0364	-0.650	-9.589	0.422	0.006
5.5	-0.591	-9.355	-0.0235	0.0308	-0.543	-8.939	0.416	0.048
6.0	-0.327	-8.764	-0.0122	0.0200	-0.322	-8.396	0.368	0.005
6.5	-0.307	-8.437	-0.0109	0.0186	-0.295	-8.074	0.363	0.012
7.0	-0.262	-8.130	-0.0082	0.0163	-0.245	-7.779	0.351	0.017
7.5	-0.216	-7.868	-0.0063	0.0141	-0.204	-7.534	0.334	0.012
8.0	-0.192	-7.652	-0.0050	0.0130	-0.180	-7.330	0.322	0.012
8.5	-0.136	-7.460	-0.0026	0.0103	-0.129	-7.150	0.310	0.007
9.0	-0.200	-7.324	-0.0055	0.0132	-0.187	-7.021	0.303	0.013
9.5	-0.192	-7.124	-0.0055	0.0130	-0.185	-6.834	0.290	0.007
10.0	-0.184	-6.932	-0.0050	0.0125	-0.175	-6.649	0.283	0.009
10.5	-0.227	-6.748	-0.0048	0.0151	-0.189	-6.474	0.274	0.028
11.0	-0.249	-6.521	-0.0071	0.0158	-0.229	-6.275	0.246	0.020
11.5	-0.237	-6.272	-0.0077	0.0146	-0.223	-6.046	0.226	0.014
12.0	-0.266	-6.035	-0.0080	0.0171	-0.251	-5.823	0.212	0.015
12.5	-0.283	-5.769	-0.0099	0.0176	-0.275	-5.572	0.197	0.008
13.0	-0.283	-5.486	-0.0092	0.0173	-0.265	-5.297	0.189	0.018
13.5	-0.254	-5.203	-0.0081	0.0161	-0.242	-5.032	0.171	0.012
14.0	-0.239	-4.949	-0.0073	0.0152	-0.225	-4.790	0.159	0.014
14.5	-0.261	-4.710	-0.0086	0.0167	-0.253	-4.565	0.145	0.008
15.0	-0.292	-4.449	-0.0101	0.0182	-0.283	-4.312	0.137	0.009
15.5	-0.348	-4.157	-0.0131	0.0213	-0.344	-4.029	0.128	0.004
16.0	-0.359	-3.809	-0.0131	0.0213	-0.344	-3.685	0.124	0.015
16.5	-0.348	-3.450	-0.0127	0.0207	-0.334	-3.341	0.109	0.014
17.0	-0.351	-3.102	-0.0128	0.0210	-0.338	-3.007	0.095	0.013
17.5	-0.395	-2.751	-0.0163	0.0235	-0.398	-2.669	0.082	-0.003
18.0	-0.511	-2.356	-0.0204	0.0287	-0.491	-2.271	0.085	0.020
18.5	-0.489	-1.845	-0.0197	0.0278	-0.475	-1.780	0.065	0.014
19.0	-0.492	-1.356	-0.0197	0.0279	-0.476	-1.305	0.051	0.016
19.5	-0.454	-0.864	-0.0177	0.0259	-0.436	-0.829	0.035	0.018
20.0	-0.410	-0.410	-0.0155	0.0238	-0.393	-0.393	0.017	0.017



CALCULATION SHEET FOR INCLINOMETER

Z-1 : B axis DATE : Dec. 22, 1989

DEPTH	B(I) Sep. 23, 1989	T/B(I) Sep. 23, 1989	B(0) Dec. 22, 1989	B(180) Dec. 22, 1989	B(n)	T/B(n)	T/B(n)	B(n) -B(I)
0.5	-0.533	-13.912	-0.0225	0.0298	-0.523	-13.541	0.371	0.010
1.0	-0.526	-13.379	-0.0212	0.0282	-0.494	-13.018	0.361	0.032
1.5	-0.353	-12.853	-0.0110	0.0179	-0.289	-12.524	0.329	0.064
2.0	-0.172	-12.500	-0.0044	0.0113	-0.157	-12.235	0.265	0.015
2.5	-0.189	-12.328	-0.0085	0.0152	-0.237	-12.078	0.250	-0.048
3.0	-0.400	-12.139	-0.0170	0.0244	-0.414	-11.841	0.298	-0.014
3.5	-0.513	-11.739	-0.0229	0.0300	-0.529	-11.427	0.312	-0.016
4.0	-0.584	-11.226	-0.0259	0.0332	-0.591	-10.898	0.328	-0.007
4.5	-0.631	-10.642	-0.0279	0.0353	-0.632	-10.307	0.335	-0.001
5.0	-0.656	-10.011	-0.0291	0.0362	-0.653	-9.675	0.336	0.003
5.5	-0.591	-9.355	-0.0217	0.0280	-0.497	-9.022	0.333	0.094
6.0	-0.327	-8.764	-0.0123	0.0197	-0.320	-8.525	0.239	0.007
6.5	-0.307	-8.437	-0.0109	0.0182	-0.291	-8.205	0.232	0.016
7.0	-0.262	-8.130	-0.0083	0.0157	-0.240	-7.914	0.216	0.022
7.5	-0.216	-7.868	-0.0064	0.0140	-0.204	-7.674	0.194	0.012
8.0	-0.192	-7.652	-0.0053	0.0127	-0.180	-7.470	0.182	0.012
8.5	-0.136	-7.460	-0.0032	0.0105	-0.137	-7.290	0.170	-0.001
9.0	-0.200	-7.324	-0.0057	0.0132	-0.189	-7.153	0.171	0.011
9.5	-0.192	-7.124	-0.0053	0.0128	-0.181	-6.964	0.160	0.011
10.0	-0.184	-6.932	-0.0051	0.0124	-0.175	-6.783	0.149	0.009
10.5	-0.227	-6.748	-0.0079	0.0153	-0.232	-6.608	0.140	-0.005
11.0	-0.249	-6.521	-0.0082	0.0153	-0.235	-6.376	0.145	0.014
11.5	-0.237	-6.272	-0.0089	0.0150	-0.239	-6.141	0.131	-0.002
12.0	-0.266	-6.035	-0.0095	0.0172	-0.267	-5.902	0.133	-0.001
12.5	-0.283	-5.769	-0.0100	0.0178	-0.278	-5.635	0.134	0.005
13.0	-0.283	-5.486	-0.0095	0.0171	-0.266	-5.357	0.129	0.017
13.5	-0.254	-5.203	-0.0083	0.0160	-0.243	-5.091	0.112	0.011
14.0	-0.239	-4.949	-0.0075	0.0150	-0.225	-4.848	0.101	0.014
14.5	-0.261	-4.710	-0.0098	0.0169	-0.267	-4.623	0.087	-0.006
15.0	-0.292	-4.449	-0.0106	0.0182	-0.288	-4.356	0.093	0.004
15.5	-0.348	-4.157	-0.0138	0.0214	-0.352	-4.068	0.089	-0.004
16.0	-0.359	-3.809	-0.0131	0.0211	-0.342	-3.716	0.093	0.017
16.5	-0.348	-3.450	-0.0129	0.0207	-0.336	-3.374	0.076	0.012
17.0	-0.351	-3.102	-0.0130	0.0211	-0.341	-3.038	0.064	0.010
17.5	-0.395	-2.751	-0.0179	0.0251	-0.430	-2.697	0.054	-0.035
18.0	-0.511	-2.356	-0.0204	0.0285	-0.489	-2.267	0.089	0.022
18.5	-0.489	-1.845	-0.0197	0.0278	-0.475	-1.778	0.067	0.014
19.0	-0.492	-1.356	-0.0200	0.0279	-0.479	-1.303	0.053	0.013
19.5	-0.454	-0.864	-0.0173	0.0256	-0.429	-0.824	0.040	0.025
20.0	-0.410	-0.410	-0.0157	0.0238	-0.395	-0.395	0.015	0.015

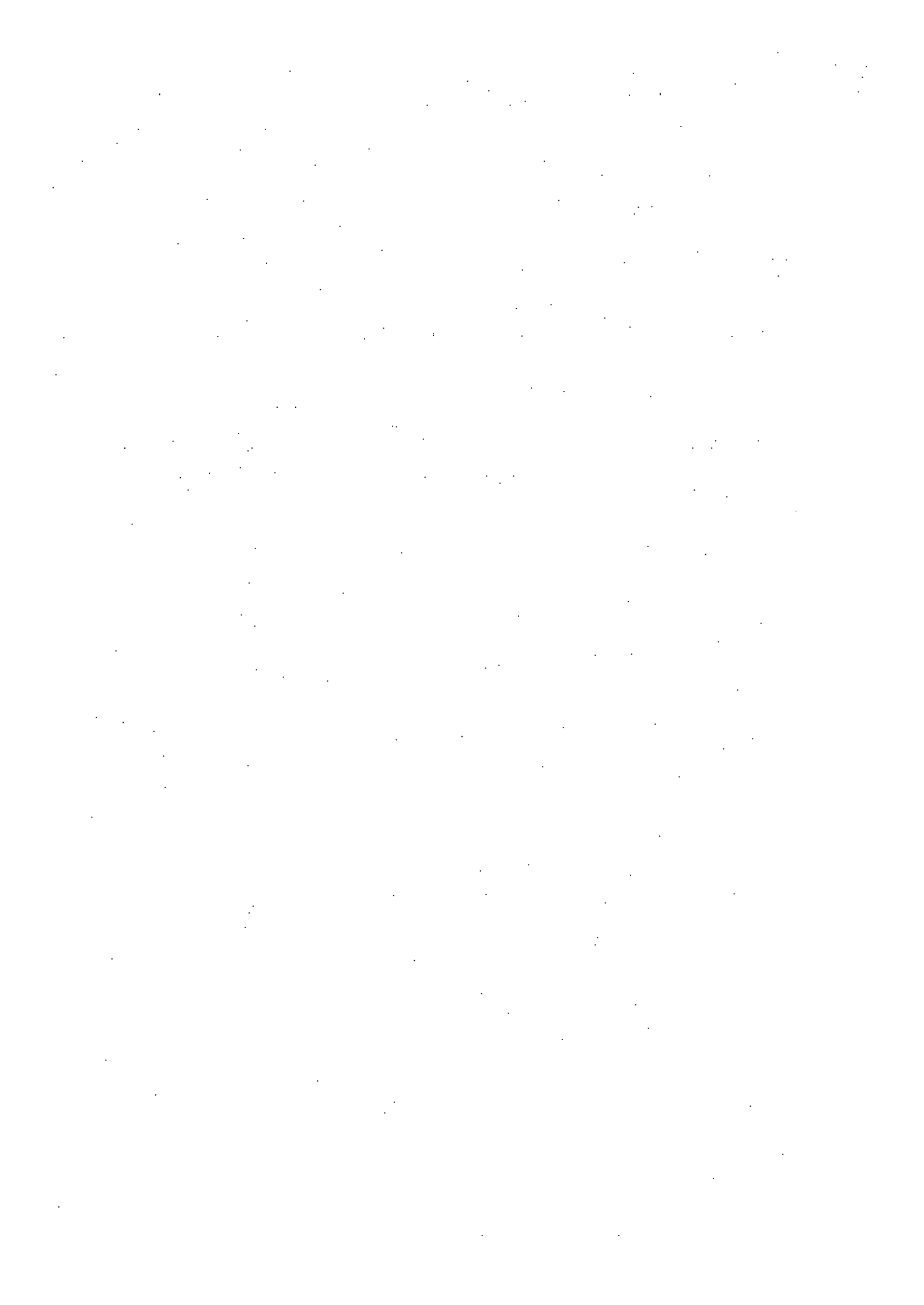


CALCULATION SHEET FOR INCLINOMETER

Z-1 : B axis

DATE : Jan. 22, 1990

DEPTH	B(I) Sep. 23, 1989	T/B(I)	B(0) Jan. 22, 1990	B(180)	E(n)	T/B(n)	T/R(n)	E(n) -B(I)
0.5	-0.533	-13.912	-0.0238	0.0284	-0.522	-13.642	0.270	0.011
1.0	-0.526	-13.379	-0.0221	0.0270	-0.491	-13.120	0.259	0.035
1.5	-0.353	-12.853	-0.0126	0.0170	-0.296	-12.629	0.224	0.057
2.0	-0.172	-12.500	-0.0056	0.0103	-0.159	-12.333	0.167	0.013
2.5	-0.189	-12.328	-0.0096	0.0143	-0.239	-12.174	0.154	-0.050
3.0	-0.400	-12.139	-0.0184	0.0234	-0.418	-11.935	0.204	-0.018
3.5	-0.513	-11.739	-0.0242	0.0291	-0.533	-11.517	0.222	-0.020
4.0	-0.584	-11.226	-0.0274	0.0321	-0.595	-10.984	0.242	-0.011
4.5	-0.631	-10.642	-0.0291	0.0341	-0.632	-10.389	0.253	-0.001
5.0	-0.656	-10.011	-0.0304	0.0353	-0.657	-9.757	0.254	-0.001
5.5	-0.591	-9.355	-0.0234	0.0274	-0.508	-9.100	0.255	0.083
6.0	-0.327	-8.764	-0.0138	0.0185	-0.323	-8.592	0.172	0.004
6.5	-0.307	-8.437	-0.0125	0.0169	-0.294	-8.269	0.168	0.013
7.0	-0.262	-8.130	-0.0096	0.0144	-0.240	-7.975	0.155	0.022
7.5	-0.216	-7.868	-0.0080	0.0126	-0.206	-7.735	0.133	0.010
8.0	-0.192	-7.652	-0.0066	0.0114	-0.180	-7.529	0.123	0.012
8.5	-0.136	-7.460	-0.0047	0.0096	-0.143	-7.349	0.111	-0.007
9.0	-0.200	-7.324	-0.0071	0.0119	-0.190	-7.206	0.118	0.010
9.5	-0.192	-7.124	-0.0066	0.0116	-0.182	-7.016	0.108	0.010
10.0	-0.184	-6.932	-0.0067	0.0113	-0.180	-6.834	0.098	0.004
10.5	-0.227	-6.748	-0.0092	0.0142	-0.234	-6.654	0.094	-0.007
11.0	-0.249	-6.521	-0.0096	0.0143	-0.239	-6.420	0.101	0.010
11.5	-0.237	-6.272	-0.0098	0.0142	-0.240	-6.181	0.091	-0.003
12.0	-0.266	-6.035	-0.0108	0.0161	-0.269	-5.941	0.094	-0.003
12.5	-0.283	-5.769	-0.0115	0.0165	-0.280	-5.672	0.097	0.003
13.0	-0.283	-5.486	-0.0107	0.0158	-0.265	-5.392	0.094	0.018
13.5	-0.254	-5.203	-0.0097	0.0148	-0.245	-5.127	0.076	0.009
14.0	-0.239	-4.949	-0.0087	0.0138	-0.225	-4.882	0.067	0.014
14.5	-0.261	-4.710	-0.0113	0.0158	-0.271	-4.657	0.053	-0.010
15.0	-0.292	-4.449	-0.0120	0.0174	-0.294	-4.386	0.063	-0.002
15.5	-0.348	-4.157	-0.0150	0.0203	-0.353	-4.092	0.065	-0.005
16.0	-0.359	-3.809	-0.0148	0.0199	-0.347	-3.739	0.070	0.012
16.5	-0.348	-3.450	-0.0144	0.0195	-0.339	-3.392	0.058	0.009
17.0	-0.351	-3.102	-0.0147	0.0198	-0.345	-3.053	0.049	0.006
17.5	-0.395	-2.751	-0.0190	0.0238	-0.428	-2.708	0.043	-0.033
18.0	-0.511	-2.356	-0.0220	0.0271	-0.491	-2.280	0.076	0.020
18.5	-0.489	-1.845	-0.0215	0.0266	-0.481	-1.789	0.056	0.008
19.0	-0.492	-1.356	-0.0212	0.0267	-0.479	-1.308	0.048	0.013
19.5	-0.454	-0.864	-0.0191	0.0241	-0.432	-0.829	0.035	0.022
20.0	-0.410	-0.410	-0.0171	0.0226	-0.397	-0.397	0.013	0.013



CALCULATION SHEET FOR INCLINOMETER

Z-1 : B axis DATE: Feb. 28, 1990

DEPTH	B(I) Sep. 23, 1989	T/B(I)	B(0) Feb. 28, 1990	B(180)	B(n)	T/B(n)	T/B(n) -T/B(I)	B(n) -B(I)
0.5	-0.533	-13.912	-0.0305	0.0335	-0.640	-13.728	0.184	-0.107
1.0	-0.526	-13.379	-0.0249	0.0281	-0.530	-13.088	0.291	-0.004
1.5	-0.353	-12.853	-0.0136	0.0161	-0.297	-12.558	0.295	0.056
2.0	-0.172	-12.500	-0.0067	0.0096	-0.163	-12.261	0.239	0.009
2.5	-0.189	-12.328	-0.0028	0.0121	-0.219	-12.098	0.230	-0.030
3.0	-0.400	-12.139	-0.0192	0.0218	-0.410	-11.879	0.260	-0.010
3.5	-0.513	-11.739	-0.0248	0.0274	-0.522	-11.469	0.270	-0.009
4.0	-0.584	-11.226	-0.0277	0.0305	-0.582	-10.947	0.279	0.002
4.5	-0.631	-10.642	-0.0297	0.0324	-0.621	-10.365	0.277	0.010
5.0	-0.656	-10.011	-0.0306	0.0333	-0.639	-9.744	0.267	0.017
5.5	-0.591	-9.355	-0.0238	0.0262	-0.500	-9.105	0.250	0.091
6.0	-0.327	-8.764	-0.0150	0.0178	-0.328	-8.605	0.159	-0.001
6.5	-0.307	-8.437	-0.0134	0.0163	-0.297	-8.277	0.160	0.010
7.0	-0.262	-8.130	-0.0109	0.0137	-0.246	-7.980	0.150	0.016
7.5	-0.216	-7.868	-0.0088	0.0117	-0.205	-7.734	0.134	0.011
8.0	-0.192	-7.652	-0.0078	0.0106	-0.184	-7.529	0.123	0.008
8.5	-0.136	-7.460	-0.0057	0.0083	-0.140	-7.345	0.115	-0.004
9.0	-0.200	-7.324	-0.0080	0.0109	-0.189	-7.205	0.119	0.011
9.5	-0.192	-7.124	-0.0075	0.0106	-0.181	-7.016	0.108	0.011
10.0	-0.184	-6.932	-0.0074	0.0103	-0.177	-6.835	0.097	0.007
10.5	-0.227	-6.748	-0.0103	0.0132	-0.235	-6.658	0.090	-0.003
11.0	-0.249	-6.521	-0.0105	0.0134	-0.239	-6.423	0.098	0.010
11.5	-0.237	-6.272	-0.0113	0.0128	-0.241	-6.184	0.088	-0.004
12.0	-0.266	-6.035	-0.0119	0.0150	-0.269	-5.943	0.092	-0.003
12.5	-0.283	-5.769	-0.0125	0.0156	-0.281	-5.674	0.095	0.002
13.0	-0.283	-5.486	-0.0118	0.0150	-0.268	-5.393	0.093	0.015
13.5	-0.254	-5.203	-0.0105	0.0138	-0.243	-5.125	0.078	0.011
14.0	-0.239	-4.949	-0.0097	0.0130	-0.227	-4.882	0.067	0.012
14.5	-0.261	-4.710	-0.0123	0.0146	-0.269	-4.655	0.055	-0.008
15.0	-0.292	-4.449	-0.0132	0.0164	-0.296	-4.386	0.063	-0.004
15.5	-0.348	-4.157	-0.0162	0.0195	-0.357	-4.090	0.067	-0.009
16.0	-0.359	-3.809	-0.0156	0.0190	-0.346	-3.733	0.076	0.013
16.5	-0.348	-3.450	-0.0154	0.0186	-0.340	-3.387	0.063	0.008
17.0	-0.351	-3.102	-0.0155	0.0188	-0.343	-3.047	0.055	0.008
17.5	-0.395	-2.751	-0.0200	0.0226	-0.426	-2.704	0.047	-0.031
18.0	-0.511	-2.356	-0.0229	0.0262	-0.491	-2.278	0.078	0.020
18.5	-0.489	-1.845	-0.0224	0.0255	-0.479	-1.787	0.058	0.010
19.0	-0.492	-1.356	-0.0223	0.0255	-0.478	-1.308	0.048	0.014
19.5	-0.454	-0.864	-0.0200	0.0231	-0.431	-0.830	0.034	0.023
20.0	-0.410	-0.410	-0.0182	0.0217	-0.399	-0.399	0.011	0.011



CALCULATION SHEET FOR INCLINOMETER

Z-1 : B axis DATE : MCH. 19, 1990

DEPTH	E(I) Sep. 23, 1989	T/B(I)	B(0) Mch. 19, 1990	E(180)	E(n)	T/B(n)	T/E(n) -T/B(I)	B(n) -B(I)
0.5	-0.533	-13.912	-0.0283	0.0325	-0.608	-13.673	0.239	-0.075
1.0	-0.526	-13.379	-0.0245	0.0287	-0.532	-13.065	0.314	-0.006
1.5	-0.353	-12.853	-0.0137	0.0174	-0.311	-12.533	0.320	0.042
2.0	-0.172	-12.500	-0.0062	0.0102	-0.164	-12.222	0.278	0.008
2.5	-0.189	-12.328	-0.0094	0.0122	-0.216	-12.058	0.270	-0.027
3.0	-0.400	-12.139	-0.0189	0.0222	-0.411	-11.842	0.297	-0.011
3.5	-0.513	-11.739	-0.0237	0.0280	-0.517	-11.431	0.308	-0.004
4.0	-0.584	-11.226	-0.0270	0.0309	-0.579	-10.914	0.312	0.005
4.5	-0.631	-10.642	-0.0289	0.0327	-0.616	-10.335	0.307	0.015
5.0	-0.656	-10.011	-0.0301	0.0339	-0.640	-9.719	0.292	0.016
5.5	-0.591	-9.355	-0.0243	0.0279	-0.522	-9.079	0.276	0.069
6.0	-0.327	-8.764	-0.0147	0.0182	-0.329	-8.557	0.207	-0.002
6.5	-0.307	-8.437	-0.0130	0.0169	-0.299	-8.228	0.209	0.008
7.0	-0.262	-8.130	-0.0104	0.0141	-0.245	-7.929	0.201	0.017
7.5	-0.216	-7.868	-0.0084	0.0121	-0.205	-7.684	0.184	0.011
8.0	-0.192	-7.652	-0.0072	0.0106	-0.178	-7.479	0.173	0.014
8.5	-0.136	-7.460	-0.0052	0.0085	-0.137	-7.301	0.159	-0.001
9.0	-0.200	-7.324	-0.0074	0.0114	-0.188	-7.164	0.160	0.012
9.5	-0.192	-7.124	-0.0070	0.0109	-0.179	-6.976	0.148	0.013
10.0	-0.184	-6.932	-0.0068	0.0106	-0.174	-6.797	0.135	0.010
10.5	-0.227	-6.748	-0.0095	0.0132	-0.227	-6.623	0.125	0.000
11.0	-0.249	-6.521	-0.0100	0.0137	-0.237	-6.396	0.125	0.012
11.5	-0.237	-6.272	-0.0106	0.0134	-0.240	-6.159	0.113	-0.003
12.0	-0.266	-6.035	-0.0114	0.0154	-0.268	-5.919	0.115	-0.002
12.5	-0.283	-5.769	-0.0119	0.0161	-0.280	-5.651	0.118	0.003
13.0	-0.283	-5.486	-0.0112	0.0154	-0.266	-5.371	0.115	0.017
13.5	-0.254	-5.203	-0.0100	0.0142	-0.242	-5.105	0.098	0.012
14.0	-0.239	-4.949	-0.0090	0.0136	-0.226	-4.863	0.086	0.013
14.5	-0.261	-4.710	-0.0114	0.0149	-0.263	-4.637	0.073	-0.002
15.0	-0.292	-4.449	-0.0126	0.0168	-0.294	-4.374	0.075	-0.002
15.5	-0.348	-4.157	-0.0157	0.0198	-0.355	-4.080	0.077	-0.007
16.0	-0.359	-3.809	-0.0154	0.0196	-0.350	-3.725	0.084	0.009
16.5	-0.348	-3.450	-0.0148	0.0191	-0.339	-3.375	0.075	0.009
17.0	-0.351	-3.102	-0.0152	0.0190	-0.342	-3.036	0.066	0.009
17.5	-0.395	-2.751	-0.0190	0.0227	-0.417	-2.694	0.057	-0.022
18.0	-0.511	-2.356	-0.0228	0.0265	-0.493	-2.277	0.079	0.018
18.5	-0.482	-1.845	-0.0219	0.0261	-0.480	-1.784	0.061	0.009
19.0	-0.492	-1.356	-0.0217	0.0258	-0.475	-1.304	0.052	0.017
19.5	-0.454	-0.864	-0.0196	0.0236	-0.432	-0.829	0.035	0.022
20.0	-0.410	-0.410	-0.0175	0.0222	-0.397	-0.397	0.013	0.013

CALCULATION SHEET FOR INCLINOMETER

Z-1 : B axis

DATE : APR. 26, 1990

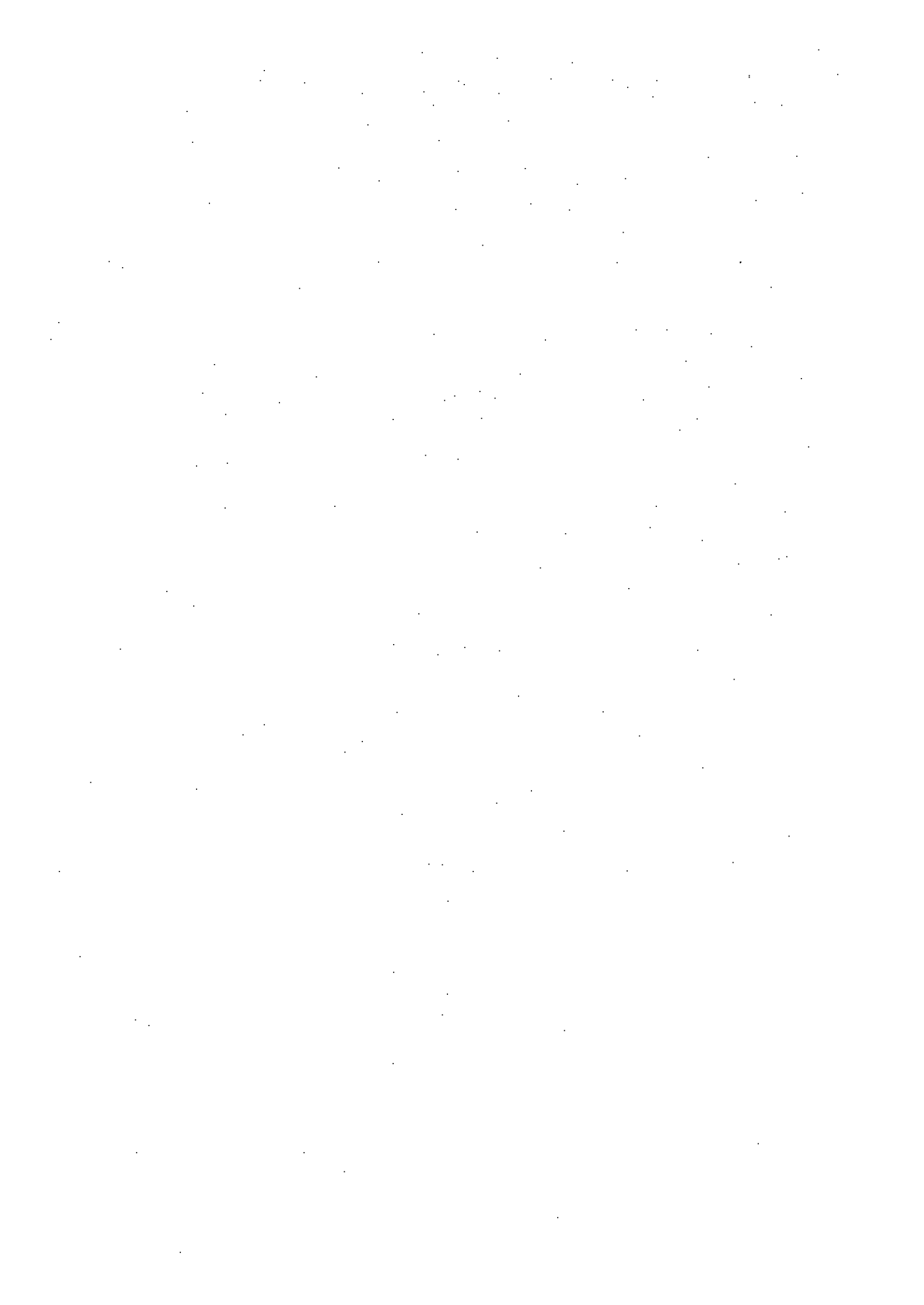
DEPTH	B(I) Sep. 23, 1989	T/B(I)	B(0) Apr. 26, 1990	B(180)	B(n)	T/B(n)	T/B(n)	B(n) -B(I)
0.5	-0.533	-13.912	-0.0269	0.0280	-0.549	-13.292	0.620	-0.016
1.0	-0.526	-13.379	-0.0256	0.0267	-0.523	-12.743	0.636	0.003
1.5	-0.353	-12.853	-0.0157	0.0173	-0.330	-12.220	0.633	0.023
2.0	-0.172	-12.500	-0.0082	0.0092	-0.174	-11.890	0.610	-0.002
2.5	-0.189	-12.328	-0.0094	0.0107	-0.201	-11.716	0.612	-0.012
3.0	-0.400	-12.139	-0.0193	0.0205	-0.398	-11.515	0.624	0.002
3.5	-0.513	-11.739	-0.0250	0.0261	-0.511	-11.117	0.622	0.002
4.0	-0.584	-11.226	-0.0281	0.0294	-0.575	-10.606	0.620	0.009
4.5	-0.631	-10.642	-0.0302	0.0314	-0.616	-10.031	0.611	0.015
5.0	-0.656	-10.011	-0.0316	0.0327	-0.643	-9.415	0.596	0.013
5.5	-0.591	-9.355	-0.0266	0.0275	-0.541	-8.772	0.583	0.050
6.0	-0.327	-8.764	-0.0160	0.0168	-0.328	-8.231	0.533	-0.001
6.5	-0.307	-8.437	-0.0144	0.0154	-0.298	-7.903	0.534	0.009
7.0	-0.262	-8.130	-0.0120	0.0129	-0.249	-7.605	0.525	0.013
7.5	-0.216	-7.868	-0.0099	0.0109	-0.208	-7.356	0.512	0.008
8.0	-0.192	-7.652	-0.0087	0.0095	-0.182	-7.148	0.504	0.010
8.5	-0.136	-7.460	-0.0062	0.0069	-0.007	-6.966	0.494	0.129
9.0	-0.200	-7.324	-0.0085	0.0097	-0.182	-6.959	0.365	0.018
9.5	-0.192	-7.124	-0.0083	0.0094	-0.177	-6.777	0.347	0.015
10.0	-0.184	-6.932	-0.0079	0.0092	-0.171	-6.600	0.332	0.013
10.5	-0.227	-6.748	-0.0104	0.0116	-0.220	-6.429	0.319	0.007
11.0	-0.249	-6.521	-0.0111	0.0123	-0.234	-6.209	0.312	0.015
11.5	-0.237	-6.272	-0.0114	0.0115	-0.229	-5.975	0.297	0.008
12.0	-0.266	-6.035	-0.0123	0.0138	-0.261	-5.746	0.289	0.005
12.5	-0.283	-5.769	-0.0128	0.0144	-0.272	-5.485	0.284	0.011
13.0	-0.283	-5.486	-0.0123	0.0138	-0.261	-5.213	0.273	0.022
13.5	-0.254	-5.203	-0.0111	0.0128	-0.239	-4.952	0.251	0.015
14.0	-0.239	-4.949	-0.0101	0.0118	-0.219	-4.713	0.236	0.020
14.5	-0.261	-4.710	-0.0116	0.0129	-0.245	-4.494	0.216	0.016
15.0	-0.292	-4.449	-0.0132	0.0149	-0.281	-4.249	0.200	0.011
15.5	-0.348	-4.157	-0.0163	0.0180	-0.343	-3.968	0.189	0.005
16.0	-0.359	-3.809	-0.0161	0.0179	-0.340	-3.625	0.184	0.019
16.5	-0.348	-3.450	-0.0156	0.0172	-0.328	-3.285	0.165	0.020
17.0	-0.351	-3.102	-0.0158	0.0175	-0.333	-2.957	0.145	0.018
17.5	-0.395	-2.751	-0.0191	0.0202	-0.393	-2.624	0.127	0.002
18.0	-0.511	-2.356	-0.0234	0.0251	-0.485	-2.231	0.125	0.026
18.5	-0.489	-1.845	-0.0224	0.0243	-0.467	-1.746	0.099	0.022
19.0	-0.492	-1.356	-0.0224	0.0242	-0.466	-1.279	0.077	0.026
19.5	-0.454	-0.864	-0.0203	0.0224	-0.427	-0.813	0.051	0.027
20.0	-0.410	-0.410	-0.0181	0.0205	-0.386	-0.386	0.024	0.024



CALCULATION SHEET FOR INCLINOMETER

Z-1 : B axis DATE: MAY.31 1990

DEPTH	B(I) Sep. 23, 1989	T/B(I)	E(O) May. 31, 1990	B(180)	E(n)	T/B(n)	T/S(n)	E(n) -E(I)
0.5	-0.533	-13.912	-0.0269	0.0281	-0.550	-13.751	0.161	-0.017
1.0	-0.526	-13.379	-0.0248	0.0262	-0.510	-13.201	0.178	0.016
1.5	-0.353	-12.853	-0.0148	0.0158	-0.306	-12.691	0.162	0.047
2.0	-0.172	-12.500	-0.0079	0.0090	-0.169	-12.385	0.115	0.003
2.5	-0.189	-12.328	-0.0109	0.0120	-0.229	-12.216	0.112	-0.040
3.0	-0.400	-12.139	-0.0199	0.0211	-0.410	-11.987	0.152	-0.010
3.5	-0.513	-11.739	-0.0256	0.0270	-0.526	-11.577	0.162	-0.013
4.0	-0.584	-11.226	-0.0287	0.0299	-0.586	-11.051	0.175	-0.002
4.5	-0.631	-10.642	-0.0308	0.0320	-0.628	-10.465	0.177	0.003
5.0	-0.656	-10.011	-0.0320	0.0332	-0.652	-9.837	0.174	0.004
5.5	-0.591	-9.355	-0.0243	0.0261	-0.509	-9.185	0.170	0.082
6.0	-0.327	-8.764	-0.0159	0.0171	-0.330	-8.676	0.083	-0.003
6.5	-0.307	-8.437	-0.0146	0.0156	-0.302	-8.346	0.091	0.005
7.0	-0.262	-8.130	-0.0119	0.0132	-0.251	-8.044	0.086	0.011
7.5	-0.216	-7.863	-0.0102	0.0112	-0.214	-7.793	0.075	0.002
8.0	-0.192	-7.652	-0.0088	0.0099	-0.187	-7.579	0.073	0.005
8.5	-0.136	-7.460	-0.0068	0.0076	-0.144	-7.392	0.068	-0.008
9.0	-0.200	-7.324	-0.0089	0.0100	-0.189	-7.248	0.076	0.011
9.5	-0.192	-7.124	-0.0085	0.0096	-0.181	-7.052	0.065	0.011
10.0	-0.184	-6.932	-0.0084	0.0095	-0.179	-6.878	0.054	0.005
10.5	-0.227	-6.748	-0.0112	0.0122	-0.234	-6.699	0.049	-0.007
11.0	-0.249	-6.521	-0.0116	0.0126	-0.242	-6.465	0.056	0.007
11.5	-0.237	-6.272	-0.0117	0.0126	-0.243	-6.223	0.049	-0.006
12.0	-0.266	-6.035	-0.0130	0.0149	-0.270	-5.980	0.055	-0.004
12.5	-0.283	-5.769	-0.0138	0.0147	-0.285	-5.710	0.059	-0.002
13.0	-0.283	-5.486	-0.0128	0.0138	-0.266	-5.425	0.061	0.017
13.5	-0.254	-5.202	-0.0118	0.0127	-0.245	-5.159	0.044	0.009
14.0	-0.239	-4.949	-0.0103	0.0120	-0.228	-4.914	0.035	0.011
14.5	-0.261	-4.710	-0.0136	0.0135	-0.271	-4.686	0.024	-0.010
15.0	-0.292	-4.449	-0.0144	0.0153	-0.297	-4.415	0.034	-0.005
15.5	-0.348	-4.157	-0.0173	0.0184	-0.357	-4.118	0.039	-0.009
16.0	-0.359	-3.809	-0.0172	0.0181	-0.353	-3.761	0.048	0.006
16.5	-0.348	-3.450	-0.0165	0.0175	-0.340	-3.403	0.042	0.008
17.0	-0.351	-3.102	-0.0169	0.0177	-0.343	-3.068	0.034	0.005
17.5	-0.395	-2.751	-0.0206	0.0217	-0.423	-2.722	0.029	-0.028
18.0	-0.511	-2.356	-0.0243	0.0252	-0.495	-2.299	0.057	0.016
18.5	-0.489	-1.845	-0.0238	0.0247	-0.485	-1.804	0.041	0.004
19.0	-0.492	-1.356	-0.0237	0.0244	-0.481	-1.319	0.037	0.011
19.5	-0.454	-0.864	-0.0214	0.0222	-0.436	-0.838	0.026	0.018
20.0	-0.410	-0.410	-0.0196	0.0206	-0.402	-0.402	0.008	0.008

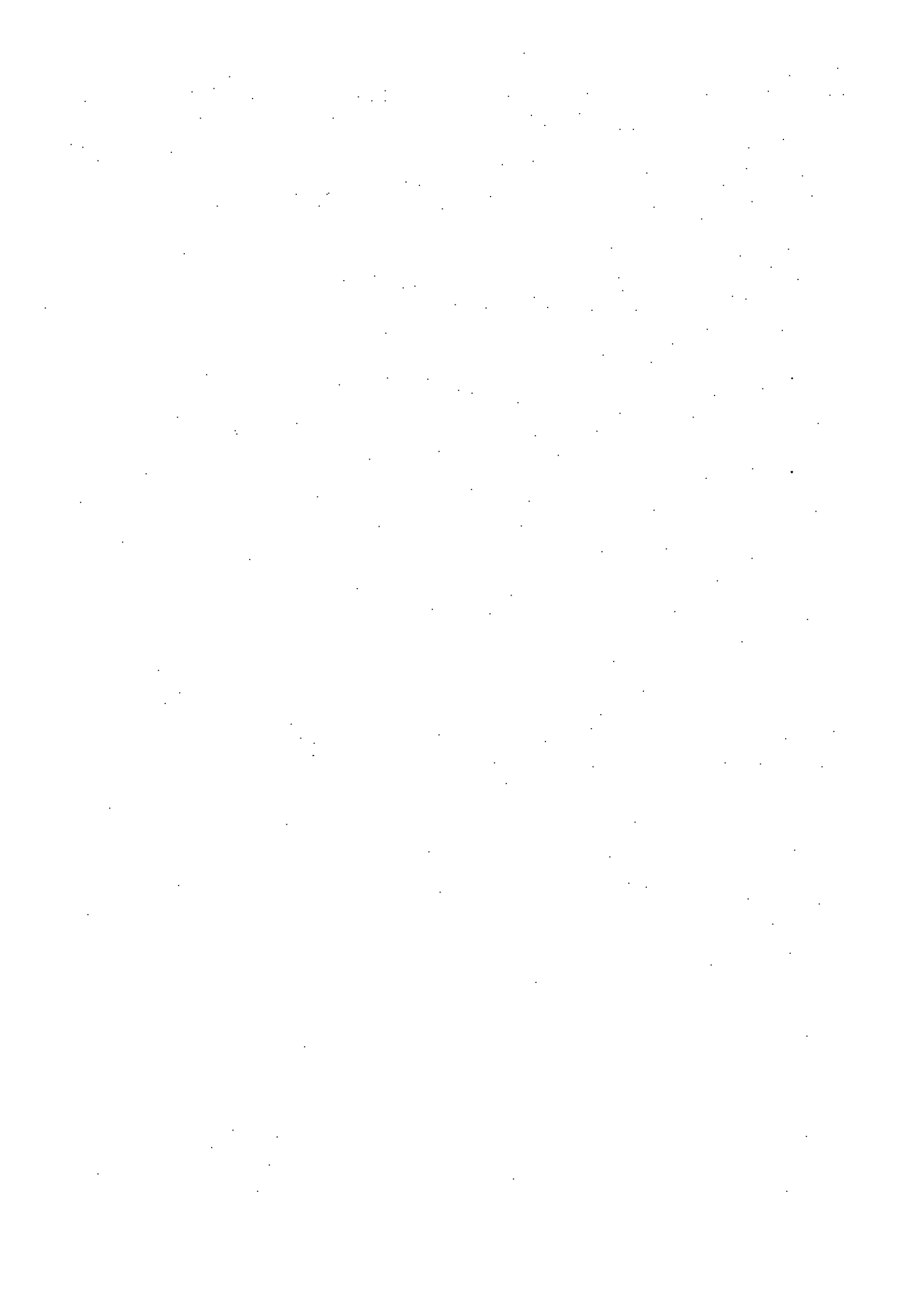


CALCULATION SHEET FOR INCLINOMETER

Z-1 : B axis

DATE : JUNE.19, 1990

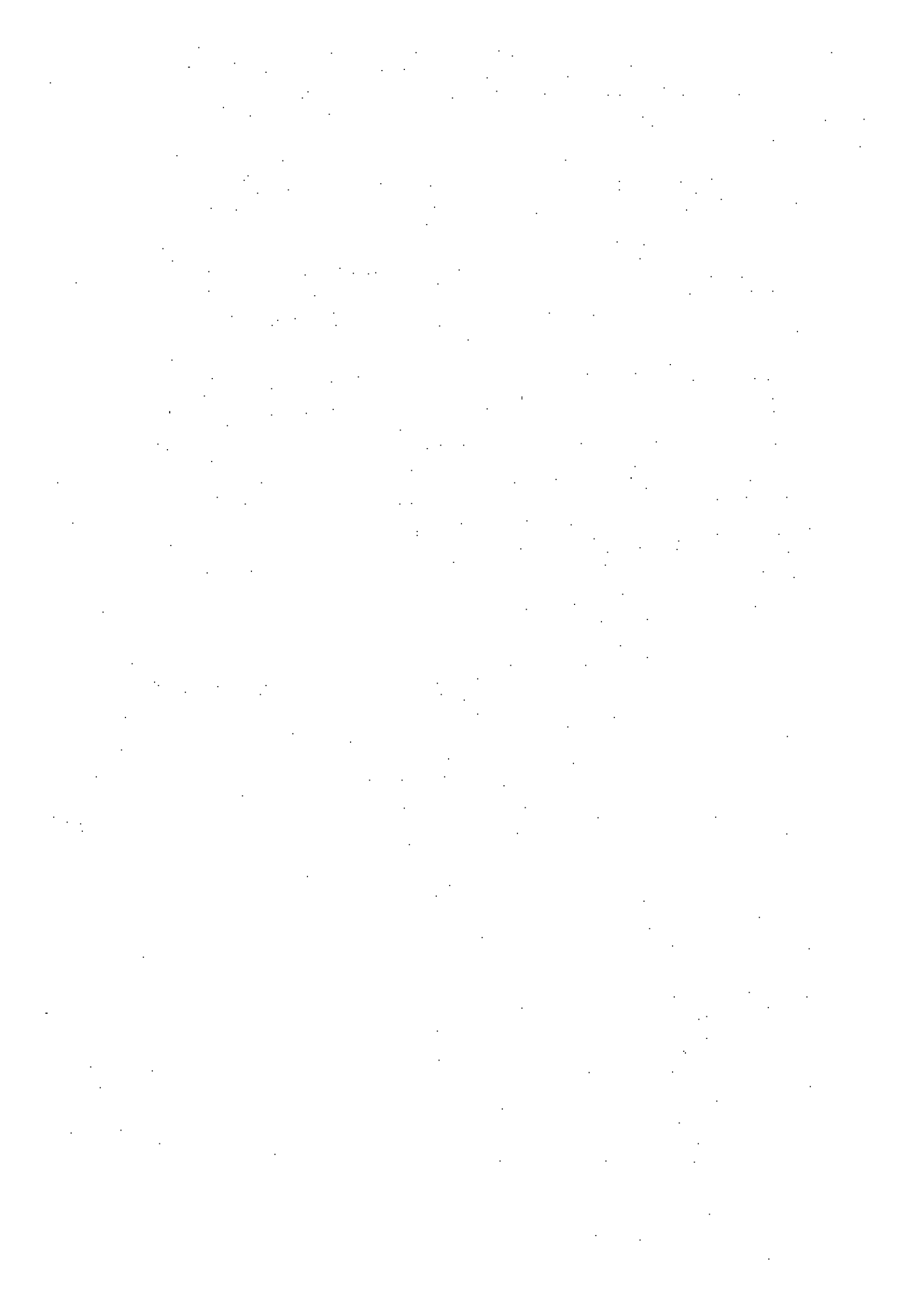
DEPTH	B(I) Sep. 23, 1989	T/B(I)	B(0) June. 19, 1990	B(180)	B(n)	T/B(n)	T/E(n)	B(n) -B(I)
0.5	-0.533	-13.912	-0.0262	0.0287	-0.549	-13.730	0.182	-0.016
1.0	-0.526	-13.379	-0.0242	0.0267	-0.509	-13.181	0.198	0.017
1.5	-0.353	-12.853	-0.0140	0.0164	-0.304	-12.672	0.181	0.049
2.0	-0.172	-12.500	-0.0073	0.0096	-0.169	-12.368	0.132	0.003
2.5	-0.189	-12.328	-0.0106	0.0127	-0.233	-12.199	0.129	-0.044
3.0	-0.400	-12.139	-0.0195	0.0219	-0.414	-11.966	0.173	-0.014
3.5	-0.513	-11.739	-0.0249	0.0274	-0.523	-11.552	0.187	-0.010
4.0	-0.584	-11.226	-0.0280	0.0304	-0.584	-11.029	0.197	0.000
4.5	-0.631	-10.642	-0.0301	0.0325	-0.626	-10.445	0.197	0.005
5.0	-0.656	-10.011	-0.0314	0.0338	-0.652	-9.819	0.192	0.004
5.5	-0.591	-9.355	-0.0246	0.0267	-0.513	-9.167	0.188	0.078
6.0	-0.327	-8.764	-0.0151	0.0175	-0.326	-8.654	0.110	0.001
6.5	-0.307	-8.437	-0.0138	0.0162	-0.300	-8.328	0.109	0.007
7.0	-0.262	-8.130	-0.0113	0.0136	-0.249	-8.023	0.102	0.013
7.5	-0.216	-7.868	-0.0092	0.0119	-0.211	-7.779	0.089	0.005
8.0	-0.192	-7.652	-0.0081	0.0106	-0.187	-7.568	0.084	0.005
8.5	-0.136	-7.460	-0.0059	0.0082	-0.141	-7.381	0.079	-0.005
9.0	-0.200	-7.324	-0.0083	0.0107	-0.190	-7.240	0.084	0.010
9.5	-0.192	-7.124	-0.0079	0.0102	-0.181	-7.050	0.074	0.011
10.0	-0.184	-6.932	-0.0076	0.0100	-0.176	-6.869	0.063	0.008
10.5	-0.227	-6.748	-0.0105	0.0128	-0.233	-6.693	0.055	-0.006
11.0	-0.249	-6.521	-0.0110	0.0131	-0.241	-6.460	0.061	0.008
11.5	-0.237	-6.272	-0.0115	0.0129	-0.244	-6.219	0.053	-0.007
12.0	-0.266	-6.035	-0.0123	0.0146	-0.269	-5.975	0.060	-0.003
12.5	-0.283	-5.769	-0.0131	0.0154	-0.285	-5.706	0.063	-0.002
13.0	-0.283	-5.486	-0.0124	0.0145	-0.269	-5.421	0.065	0.014
13.5	-0.254	-5.203	-0.0112	0.0134	-0.246	-5.152	0.051	0.008
14.0	-0.239	-4.949	-0.0102	0.0126	-0.228	-4.906	0.043	0.011
14.5	-0.261	-4.710	-0.0127	0.0141	-0.262	-4.678	0.032	-0.007
15.0	-0.292	-4.449	-0.0134	0.0159	-0.293	-4.410	0.039	-0.001
15.5	-0.348	-4.157	-0.0168	0.0190	-0.358	-4.117	0.040	-0.010
16.0	-0.359	-3.809	-0.0164	0.0186	-0.350	-3.759	0.050	0.009
16.5	-0.348	-3.450	-0.0158	0.0182	-0.340	-3.409	0.041	0.008
17.0	-0.351	-3.102	-0.0160	0.0183	-0.343	-3.069	0.033	0.008
17.5	-0.395	-2.751	-0.0203	0.0226	-0.429	-2.726	0.025	-0.034
18.0	-0.511	-2.356	-0.0237	0.0260	-0.497	-2.297	0.059	0.014
18.5	-0.489	-1.845	-0.0230	0.0252	-0.482	-1.800	0.045	0.007
19.0	-0.492	-1.356	-0.0229	0.0253	-0.482	-1.318	0.038	0.010
19.5	-0.454	-0.864	-0.0207	0.0228	-0.435	-0.836	0.028	0.019
20.0	-0.410	-0.410	-0.0189	0.0212	-0.401	-0.401	0.009	0.009



INITIAL READING OF INCLINOMETERS

HOLE No. Z-2 DATE : Sep. 16, 1989

DEPTH (m)	A(0)	A(180)	A(I) (cm)	T/A(I)	B(0)	B(180)	B(I) (cm)	T/B(I)
0.5	-0.0013	0.0012	-0.025	-4.120	0.0112	-0.0029	0.141	7.289
1.0	-0.0017	0.0013	-0.030	-4.095	0.0103	-0.0057	0.160	7.148
1.5	-0.0002	0.0000	-0.002	-4.065	0.0112	-0.0063	0.175	6.988
2.0	0.0000	0.0000	0.000	-4.063	0.0113	-0.0065	0.178	6.813
2.5	-0.0007	0.0003	-0.010	-4.063	0.0103	-0.0057	0.160	6.635
3.0	-0.0038	0.0036	-0.074	-4.053	0.0065	-0.0050	0.115	6.475
3.5	-0.0105	0.0100	-0.205	-3.979	0.0023	0.0040	-0.017	6.360
4.0	-0.0121	0.0119	-0.240	-3.774	0.0000	0.0047	-0.047	6.377
4.5	-0.0130	0.0127	-0.257	-3.534	0.0004	0.0041	-0.037	6.424
5.0	-0.0133	0.0120	-0.263	-3.277	0.0027	0.0018	0.009	6.461
5.5	-0.0154	0.0152	-0.306	-3.014	0.0067	-0.0020	0.087	6.452
6.0	-0.0164	0.0159	-0.323	-2.708	0.0049	-0.0012	0.061	6.365
6.5	-0.0121	0.0113	-0.234	-2.385	0.0132	-0.0074	0.206	6.304
7.0	-0.0100	0.0097	-0.197	-2.151	0.0176	-0.0133	0.309	6.098
7.5	-0.0116	0.0115	-0.231	-1.954	0.0185	-0.0137	0.322	5.789
8.0	-0.0112	0.0110	-0.222	-1.723	0.0144	-0.0099	0.243	5.467
8.5	-0.0092	0.0090	-0.182	-1.501	0.0097	-0.0052	0.149	5.224
9.0	-0.0128	0.0121	-0.249	-1.319	0.0063	-0.0051	0.114	5.075
9.5	-0.0125	0.0125	-0.250	-1.070	0.0040	0.0025	0.015	4.961
10.0	-0.0083	0.0081	-0.164	-0.820	0.0034	0.0009	0.025	4.946
10.5	-0.0086	0.0082	-0.168	-0.656	0.0031	0.0011	0.020	4.921
11.0	-0.0068	0.0066	-0.134	-0.488	0.0018	0.0025	-0.007	4.901
11.5	-0.0047	0.0044	-0.091	-0.354	0.0019	0.0024	-0.005	4.908
12.0	-0.0053	0.0053	-0.106	-0.263	0.0039	0.0011	0.028	4.913
12.5	-0.0107	0.0096	-0.203	-0.157	0.0058	-0.0017	0.075	4.885
13.0	-0.0098	0.0096	-0.194	0.046	0.0037	0.0003	0.034	4.810
13.5	-0.0100	0.0098	-0.198	0.240	0.0019	0.0022	-0.003	4.776
14.0	-0.0110	0.0108	-0.218	0.438	-0.0003	0.0046	-0.049	4.779
14.5	-0.0123	0.0121	-0.244	0.656	-0.0018	0.0060	-0.078	4.828
15.0	-0.0115	0.0107	-0.222	0.900	0.0004	0.0027	-0.023	4.906
15.5	-0.0051	0.0054	-0.105	1.122	0.0111	-0.0059	0.170	4.929
16.0	-0.0051	0.0050	-0.101	1.227	0.0149	-0.0103	0.257	4.759
16.5	-0.0019	0.0016	-0.035	1.328	0.0244	-0.0206	0.450	4.502
17.0	0.0035	-0.0036	0.071	1.363	0.0330	-0.0288	0.618	4.052
17.5	0.0069	-0.0072	0.141	1.292	0.0370	-0.0328	0.698	3.434
18.0	0.0066	-0.0067	0.133	1.151	0.0327	-0.0294	0.621	2.736
18.5	-0.0006	-0.0003	-0.003	1.018	0.0196	-0.0151	0.347	2.115
19.0	0.0006	-0.0003	0.014	1.021	0.0177	-0.0135	0.312	1.763
19.5	0.0019	-0.0019	0.038	1.007	0.0175	-0.0134	0.309	1.456
20.0	0.0053	-0.0058	0.111	0.969	0.0159	-0.0116	0.275	1.147
20.5	0.0105	-0.0107	0.212	0.858	0.0166	-0.0123	0.289	0.872
21.0	0.0119	-0.0124	0.243	0.646	0.0156	-0.0126	0.282	0.583
21.5	0.0092	-0.0092	0.184	0.403	0.0090	-0.0027	0.117	0.301
22.0	0.0072	-0.0074	0.146	0.219	0.0068	-0.0027	0.095	0.184
22.5	0.0055	-0.0057	0.112	0.073	0.0044	-0.0003	0.047	0.089
23.0	0.0025	-0.0027	0.052	-0.039	0.0014	0.0027	-0.013	0.042
23.5	-0.0014	0.0010	-0.024	-0.091	0.0028	0.0014	0.014	0.055
24.0	-0.0034	0.0033	-0.067	-0.067	0.0041	0.0000	0.041	0.041

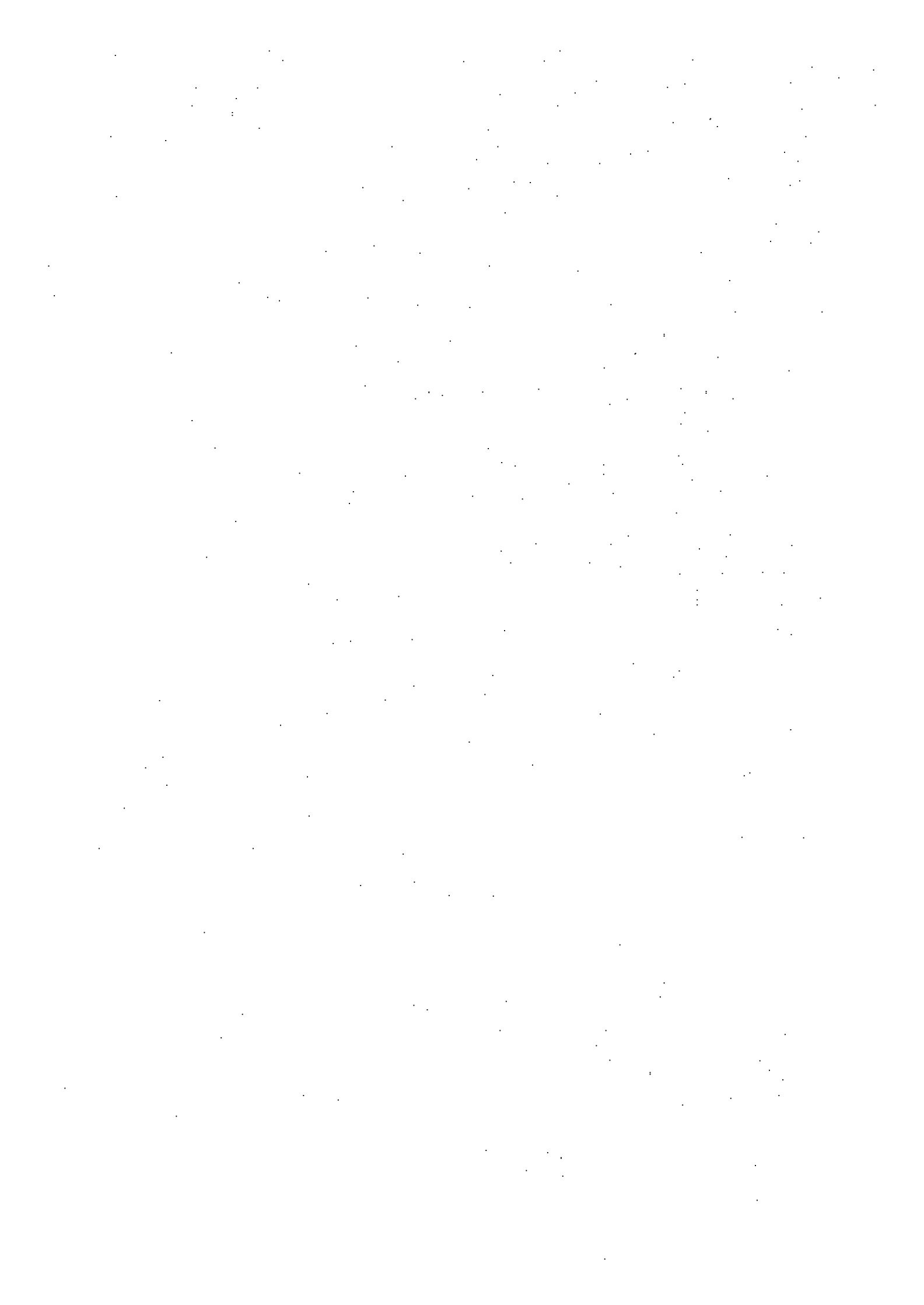


CALCULATION SHEET FOR INCLINOMETER

Z-2 : B axis

DATE : Oct. 26, 1989

DEPTH	B(I) Sep. 16, 1989	T/B(I)	B(0) Oct. 26, 1989	B(180)	B(n)	T/B(n)	T/B(n) -T/B(I)	B(n) -B(I)
0.5	0.141	7.289	0.0121	-0.0059	0.180	7.675	0.386	0.039
1.0	0.160	7.148	0.0130	-0.0071	0.201	7.495	0.347	0.041
1.5	0.175	6.988	0.0148	-0.0087	0.235	7.294	0.306	0.060
2.0	0.178	6.813	0.0144	-0.0080	0.224	7.059	0.246	0.046
2.5	0.160	6.635	0.0113	-0.0054	0.167	6.835	0.200	0.007
3.0	0.115	6.475	0.0070	-0.0044	0.114	6.668	0.193	-0.001
3.5	-0.017	6.360	0.0027	0.0035	-0.008	6.554	0.194	0.009
4.0	-0.047	6.377	0.0009	0.0051	-0.042	6.562	0.185	0.005
4.5	-0.037	6.424	0.0012	0.0048	-0.036	6.604	0.180	0.001
5.0	0.009	6.461	0.0036	-0.0022	0.014	6.640	0.179	0.005
5.5	0.087	6.452	0.0083	-0.0020	0.103	6.626	0.174	0.016
6.0	0.061	6.365	0.0089	-0.0025	0.114	6.523	0.158	0.053
6.5	0.206	6.304	0.0117	-0.0039	0.156	6.409	0.105	-0.050
7.0	0.309	6.098	0.0177	-0.0110	0.287	6.253	0.155	-0.022
7.5	0.322	5.789	0.0204	-0.0142	0.346	5.966	0.177	0.024
8.0	0.243	5.467	0.0166	-0.0103	0.269	5.620	0.153	0.026
8.5	0.149	5.224	0.0115	-0.0049	0.164	5.351	0.127	0.015
9.0	0.114	5.075	0.0074	-0.0023	0.097	5.187	0.112	-0.017
9.5	0.015	4.961	0.0042	0.0015	0.027	5.090	0.129	0.012
10.0	0.025	4.946	0.0026	0.0034	-0.008	5.063	0.117	-0.033
10.5	0.020	4.921	0.0040	0.0021	0.019	5.071	0.150	-0.001
11.0	-0.007	4.901	0.0032	0.0029	0.003	5.052	0.151	0.010
11.5	-0.005	4.906	0.0029	0.0032	-0.003	5.049	0.141	0.002
12.0	0.028	4.913	0.0036	0.0026	0.010	5.052	0.139	-0.018
12.5	0.075	4.885	0.0083	-0.0018	0.101	5.042	0.157	0.026
13.0	0.034	4.810	0.0052	0.0008	0.044	4.941	0.131	0.010
13.5	-0.003	4.776	0.0033	0.0028	0.005	4.897	0.121	-0.008
14.0	-0.049	4.779	0.0012	0.0052	-0.040	4.892	0.113	0.009
14.5	-0.073	4.828	-0.0006	0.0069	-0.075	4.932	0.104	0.003
15.0	-0.023	4.906	0.0018	0.0040	-0.022	5.007	0.101	0.001
15.5	0.170	4.929	0.0114	-0.0045	0.159	5.029	0.100	-0.011
16.0	0.257	4.759	0.0151	-0.0090	0.241	4.870	0.111	-0.016
16.5	0.450	4.502	0.0249	-0.0184	0.433	4.629	0.127	-0.017
17.0	0.618	4.052	0.0340	-0.0274	0.614	4.196	0.144	-0.004
17.5	0.698	3.434	0.0383	-0.0317	0.700	3.582	0.148	0.002
18.0	0.621	2.736	0.0364	-0.0303	0.667	2.882	0.146	0.046
18.5	0.347	2.115	0.0208	-0.0146	0.354	2.215	0.100	0.007
19.0	0.312	1.768	0.0192	-0.0127	0.319	1.861	0.093	0.007
19.5	0.309	1.456	0.0192	-0.0128	0.320	1.542	0.086	0.011
20.0	0.275	1.147	0.0172	-0.0108	0.280	1.222	0.075	0.005
20.5	0.289	0.872	0.0180	-0.0115	0.295	0.942	0.070	0.006
21.0	0.282	0.583	0.0171	-0.0109	0.280	0.647	0.064	-0.002
21.5	0.117	0.301	0.0086	-0.0031	0.127	0.367	0.066	0.010
22.0	0.095	0.184	0.0088	-0.0022	0.110	0.240	0.056	0.015
22.5	0.047	0.089	0.0065	0.0002	0.063	0.130	0.041	0.016
23.0	-0.013	0.042	0.0028	0.0038	-0.010	0.067	0.025	0.003
23.5	0.014	0.055	0.0043	0.0022	0.021	0.077	0.022	0.007
24.0	0.041	0.041	0.0060	0.0004	0.056	0.056	0.015	0.015



CALCULATION SHEET FOR INCLINOMETER

Z-2 : B axis DATE : Nov. 21, 1989

DEPTH	B(I) Sep. 16,	T/B(I) 1989	B(0) Nov. 21,	B(180)	B(n)	T/B(n)	T/B(n) -T/B(I)	B(n) -B(I)
0.5	0.141	7.289	0.0111	-0.0049	0.160	7.693	0.404	0.019
1.0	0.160	7.148	0.0142	-0.0079	0.221	7.533	0.385	0.061
1.5	0.175	6.988	0.0150	-0.0093	0.243	7.312	0.324	0.068
2.0	0.178	6.813	0.0135	-0.0078	0.213	7.069	0.256	0.035
2.5	0.160	6.635	0.0104	-0.0049	0.153	6.856	0.221	-0.007
3.0	0.115	6.475	0.0075	-0.0032	0.107	6.703	0.228	-0.008
3.5	-0.017	6.360	0.0018	0.0048	-0.030	6.596	0.236	-0.013
4.0	-0.047	6.377	0.0008	0.0051	-0.043	6.626	0.249	0.004
4.5	-0.037	6.424	0.0015	0.0047	-0.032	6.669	0.245	0.005
5.0	0.009	6.461	0.0048	0.0016	0.032	6.701	0.240	0.023
5.5	0.087	6.452	0.0089	-0.0026	0.115	6.669	0.217	0.028
6.0	0.061	6.365	0.0068	-0.0018	0.086	6.554	0.189	0.025
6.5	0.206	6.304	0.0127	-0.0049	0.176	6.468	0.164	-0.030
7.0	0.309	6.098	0.0183	-0.0122	0.305	6.292	0.194	-0.004
7.5	0.322	5.789	0.0202	-0.0141	0.343	5.987	0.198	0.021
8.0	0.243	5.467	0.0153	-0.0099	0.252	5.644	0.177	0.009
8.5	0.149	5.224	0.0102	-0.0044	0.146	5.392	0.168	-0.003
9.0	0.114	5.075	0.0081	-0.0038	0.119	5.246	0.171	0.005
9.5	0.015	4.861	0.0036	0.0042	-0.006	5.127	0.166	-0.021
10.0	0.025	4.946	0.0031	0.0029	0.002	5.133	0.187	-0.023
10.5	0.020	4.921	0.0039	0.0020	0.019	5.131	0.210	-0.001
11.0	-0.007	4.901	0.0030	0.0027	0.003	5.112	0.211	0.010
11.5	-0.005	4.908	0.0031	0.0029	0.002	5.109	0.201	0.007
12.0	0.028	4.913	0.0056	0.0015	0.041	5.107	0.194	0.013
12.5	0.075	4.885	0.0067	-0.0013	0.080	5.066	0.181	0.005
13.0	0.034	4.810	0.0049	0.0008	0.041	4.986	0.176	0.007
13.5	-0.003	4.776	0.0029	0.0029	0.000	4.945	0.169	0.003
14.0	-0.049	4.779	0.0005	0.0054	-0.049	4.945	0.166	0.000
14.5	-0.078	4.828	-0.0004	0.0066	-0.070	4.994	0.166	0.008
15.0	-0.023	4.906	0.0037	0.0021	0.016	5.064	0.158	0.039
15.5	0.170	4.929	0.0124	-0.0059	0.183	5.048	0.119	0.013
16.0	0.257	4.759	0.0170	-0.0105	0.275	4.865	0.106	0.018
16.5	0.450	4.502	0.0272	-0.0206	0.478	4.590	0.088	0.028
17.0	0.618	4.052	0.0351	-0.0285	0.636	4.112	0.060	0.018
17.5	0.698	3.434	0.0386	-0.0325	0.711	3.476	0.042	0.013
18.0	0.621	2.736	0.0320	-0.0277	0.597	2.765	0.029	-0.024
18.5	0.347	2.115	0.0207	-0.0145	0.352	2.168	0.053	0.005
19.0	0.312	1.768	0.0194	-0.0130	0.324	1.816	0.048	0.012
19.5	0.309	1.456	0.0190	-0.0125	0.315	1.492	0.036	0.006
20.0	0.275	1.147	0.0171	-0.0107	0.278	1.177	0.030	0.003
20.5	0.289	0.872	0.0184	-0.0118	0.302	0.899	0.027	0.013
21.0	0.282	0.583	0.0149	-0.0104	0.253	0.597	0.014	-0.029
21.5	0.117	0.301	0.0100	-0.0016	0.116	0.344	0.043	-0.001
22.0	0.095	0.184	0.0087	-0.0022	0.109	0.228	0.044	0.014
22.5	0.047	0.089	0.0057	0.0006	0.051	0.119	0.030	0.004
23.0	-0.013	0.042	0.0027	0.0059	-0.012	0.068	0.026	0.001
23.5	0.014	0.055	0.0049	0.0017	0.032	0.080	0.025	0.018
24.0	0.041	0.041	0.0051	0.0003	0.048	0.048	0.007	0.007



CALCULATION SHEET FOR INCLINOMETER

Z-2 : B axis DATE : Dec. 22, 1989

DEPTH	B(I) Sep. 16, 1989	T/B(I) 1989	B(0) Dec. 22, 1989	B(180)	B(n)	T/B(n)	T/B(n) -T/A(I)	B(n) -B(I)
0.5	0.141	7.289	0.0067	-0.0038	0.105	7.528	0.239	-0.036
1.0	0.160	7.148	0.0099	-0.0068	0.167	7.423	0.275	0.007
1.5	0.175	6.988	0.0138	-0.0105	0.243	7.256	0.268	0.068
2.0	0.178	6.813	0.0137	-0.0107	0.244	7.013	0.200	0.066
2.5	0.160	6.635	0.0091	-0.0061	0.152	6.769	0.134	-0.008
3.0	0.115	6.475	0.0063	-0.0039	0.102	6.617	0.142	-0.013
3.5	-0.017	6.360	0.0005	0.0020	-0.015	6.515	0.155	0.002
4.0	-0.047	6.377	-0.0007	0.0039	-0.046	6.530	0.153	0.001
4.5	-0.037	6.424	-0.0006	0.0038	-0.044	6.576	0.152	-0.007
5.0	0.009	6.461	0.0017	0.0015	0.002	6.620	0.159	-0.007
5.5	0.087	6.452	0.0067	-0.0035	0.102	6.618	0.166	0.015
6.0	0.061	6.365	0.0073	-0.0041	0.114	6.516	0.151	0.053
6.5	0.206	6.304	0.0074	-0.0051	0.125	6.402	0.098	-0.081
7.0	0.309	6.098	0.0155	-0.0121	0.276	6.277	0.179	-0.033
7.5	0.322	5.789	0.0191	-0.0160	0.351	6.001	0.212	0.029
8.0	0.243	5.467	0.0162	-0.0125	0.287	5.650	0.183	0.044
8.5	0.149	5.224	0.0097	-0.0066	0.163	5.363	0.139	0.014
9.0	0.114	5.075	0.0056	-0.0038	0.094	5.200	0.125	-0.020
9.5	0.015	4.961	0.0023	0.0002	0.021	5.106	0.145	0.006
10.0	0.025	4.946	0.0001	0.0028	-0.027	5.085	0.139	-0.052
10.5	0.020	4.921	0.0019	0.0010	0.009	5.112	0.191	-0.011
11.0	-0.007	4.901	0.0017	0.0012	0.005	5.103	0.202	0.012
11.5	-0.005	4.908	0.0014	0.0015	-0.001	5.098	0.190	0.004
12.0	0.028	4.913	0.0020	0.0011	0.009	5.099	0.186	-0.019
12.5	0.075	4.885	0.0067	-0.0035	0.102	5.090	0.205	0.027
13.0	0.034	4.810	0.0039	-0.0005	0.044	4.988	0.178	0.010
13.5	-0.003	4.776	0.0020	0.0011	0.009	4.944	0.168	0.012
14.0	-0.049	4.779	-0.0002	0.0034	-0.036	4.935	0.156	0.013
14.5	-0.073	4.828	-0.0022	0.0054	-0.076	4.971	0.143	0.002
15.0	-0.023	4.906	0.0003	0.0023	-0.020	5.047	0.141	0.003
15.5	0.170	4.929	0.0096	-0.0063	0.159	5.067	0.138	-0.011
16.0	0.257	4.759	0.0135	-0.0108	0.243	4.908	0.149	-0.014
16.5	0.450	4.502	0.0230	-0.0200	0.430	4.665	0.163	-0.020
17.0	0.618	4.052	0.0321	-0.0288	0.609	4.235	0.183	-0.009
17.5	0.698	3.434	0.0365	-0.0334	0.699	3.626	0.192	0.001
18.0	0.621	2.736	0.0345	-0.0320	0.665	2.927	0.191	0.044
18.5	0.347	2.115	0.0198	-0.0166	0.364	2.262	0.147	0.017
19.0	0.312	1.768	0.0177	-0.0143	0.320	1.898	0.130	0.008
19.5	0.309	1.456	0.0178	-0.0146	0.324	1.578	0.122	0.015
20.0	0.275	1.147	0.0155	-0.0123	0.278	1.254	0.107	0.003
20.5	0.289	0.872	0.0166	-0.0133	0.299	0.976	0.104	0.010
21.0	0.282	0.583	0.0154	-0.0127	0.281	0.677	0.094	-0.001
21.5	0.117	0.301	0.0081	-0.0054	0.135	0.396	0.095	0.018
22.0	0.095	0.184	0.0074	-0.0042	0.116	0.261	0.077	0.021
22.5	0.047	0.089	0.0052	-0.0018	0.070	0.145	0.056	0.023
23.0	-0.013	0.042	0.0014	0.0019	-0.005	0.075	0.033	0.008
23.5	0.014	0.055	0.0025	0.0006	0.019	0.080	0.025	0.005
24.0	0.041	0.041	0.0048	-0.0013	0.061	0.061	0.020	0.020

