

APPENDICES

PART II

Geophysical Survey

LIST OF APPENDICES

- A. II-1. Earth tide correction and drift correction
- A. II-2. Topographical correction
- A. II-3. Altitude correction and latitude correction

A. II - 1.
Earth tide correction
and
drift correction

NUMBER OF STATION STATION 1

DISTANCE IN FEET 1

NUMBER OF GRAVITY P. PER 1

DENSITY OF CURVE TERRAIN CORRECTION 2.00

STANDARD STATION	STATION NO.	GRAVITY VALUE	EASTING	NORTHING	HEIGHT
1	100	977.40000	-1934 1 0	-222612 0	1917.439
2	200	977.60000	-1934 1 1	-222612 0	1917.439

GRAVIMETRIC SURVEY OF PERU 1 22 22-9-13 STATION DATA FOR SHEET 365 LACOSTE

STATION	GRAVITY VALUE	EASTING	NORTHING	HEIGHT	
121	106.44	1.22553	307.5	3537.26	1.06453
122	212.91	1.26436	372.5	3535.11	1.06457
123	319.38	1.30319	437.5	3532.96	1.06461
124	425.85	1.34202	502.5	3530.81	1.06465
125	532.32	1.38085	567.5	3528.66	1.06469
126	638.79	1.41968	632.5	3526.51	1.06473
127	745.26	1.45851	697.5	3524.36	1.06477
128	851.73	1.49734	762.5	3522.21	1.06481
129	958.20	1.53617	827.5	3520.06	1.06485
130	1064.67	1.57500	892.5	3517.91	1.06489
131	1171.14	1.61383	957.5	3515.76	1.06493
132	1277.61	1.65266	1022.5	3513.61	1.06497
133	1384.08	1.69149	1087.5	3511.46	1.06501
134	1490.55	1.73032	1152.5	3509.31	1.06505
135	1597.02	1.76915	1217.5	3507.16	1.06509
136	1703.49	1.80798	1282.5	3505.01	1.06513
137	1809.96	1.84681	1347.5	3502.86	1.06517
138	1916.43	1.88564	1412.5	3500.71	1.06521
139	2022.90	1.92447	1477.5	3498.56	1.06525
140	2129.37	1.96330	1542.5	3496.41	1.06529
141	2235.84	2.00213	1607.5	3494.26	1.06533
142	2342.31	2.04096	1672.5	3492.11	1.06537
143	2448.78	2.07979	1737.5	3489.96	1.06541
144	2555.25	2.11862	1802.5	3487.81	1.06545
145	2661.72	2.15745	1867.5	3485.66	1.06549
146	2768.19	2.19628	1932.5	3483.51	1.06553
147	2874.66	2.23511	1997.5	3481.36	1.06557
148	2981.13	2.27394	2062.5	3479.21	1.06561
149	3087.60	2.31277	2127.5	3477.06	1.06565
150	3194.07	2.35160	2192.5	3474.91	1.06569
151	3300.54	2.39043	2257.5	3472.76	1.06573
152	3407.01	2.42926	2322.5	3470.61	1.06577
153	3513.48	2.46809	2387.5	3468.46	1.06581
154	3619.95	2.50692	2452.5	3466.31	1.06585
155	3726.42	2.54575	2517.5	3464.16	1.06589
156	3832.89	2.58458	2582.5	3462.01	1.06593
157	3939.36	2.62341	2647.5	3459.86	1.06597
158	4045.83	2.66224	2712.5	3457.71	1.06601
159	4152.30	2.70107	2777.5	3455.56	1.06605
160	4258.77	2.73990	2842.5	3453.41	1.06609
161	4365.24	2.77873	2907.5	3451.26	1.06613
162	4471.71	2.81756	2972.5	3449.11	1.06617
163	4578.18	2.85639	3037.5	3446.96	1.06621
164	4684.65	2.89522	3102.5	3444.81	1.06625
165	4791.12	2.93405	3167.5	3442.66	1.06629
166	4897.59	2.97288	3232.5	3440.51	1.06633
167	5004.06	3.01171	3297.5	3438.36	1.06637
168	5110.53	3.05054	3362.5	3436.21	1.06641
169	5217.00	3.08937	3427.5	3434.06	1.06645
170	5323.47	3.12820	3492.5	3431.91	1.06649
171	5429.94	3.16703	3557.5	3429.76	1.06653
172	5536.41	3.20586	3622.5	3427.61	1.06657
173	5642.88	3.24469	3687.5	3425.46	1.06661
174	5749.35	3.28352	3752.5	3423.31	1.06665
175	5855.82	3.32235	3817.5	3421.16	1.06669
176	5962.29	3.36118	3882.5	3419.01	1.06673
177	6068.76	3.40001	3947.5	3416.86	1.06677
178	6175.23	3.43884	4012.5	3414.71	1.06681
179	6281.70	3.47767	4077.5	3412.56	1.06685
180	6388.17	3.51650	4142.5	3410.41	1.06689
181	6494.64	3.55533	4207.5	3408.26	1.06693
182	6601.11	3.59416	4272.5	3406.11	1.06697
183	6707.58	3.63299	4337.5	3403.96	1.06701
184	6814.05	3.67182	4402.5	3401.81	1.06705
185	6920.52	3.71065	4467.5	3399.66	1.06709
186	7026.99	3.74948	4532.5	3397.51	1.06713
187	7133.46	3.78831	4597.5	3395.36	1.06717
188	7239.93	3.82714	4662.5	3393.21	1.06721
189	7346.40	3.86597	4727.5	3391.06	1.06725
190	7452.87	3.90480	4792.5	3388.91	1.06729
191	7559.34	3.94363	4857.5	3386.76	1.06733
192	7665.81	3.98246	4922.5	3384.61	1.06737
193	7772.28	4.02129	4987.5	3382.46	1.06741
194	7878.75	4.06012	5052.5	3380.31	1.06745
195	7985.22	4.09895	5117.5	3378.16	1.06749
196	8091.69	4.13778	5182.5	3376.01	1.06753
197	8198.16	4.17661	5247.5	3373.86	1.06757
198	8304.63	4.21544	5312.5	3371.71	1.06761
199	8411.10	4.25427	5377.5	3369.56	1.06765
200	8517.57	4.29310	5442.5	3367.41	1.06769
201	8624.04	4.33193	5507.5	3365.26	1.06773
202	8730.51	4.37076	5572.5	3363.11	1.06777
203	8836.98	4.40959	5637.5	3360.96	1.06781
204	8943.45	4.44842	5702.5	3358.81	1.06785
205	9049.92	4.48725	5767.5	3356.66	1.06789
206	9156.39	4.52608	5832.5	3354.51	1.06793
207	9262.86	4.56491	5897.5	3352.36	1.06797
208	9369.33	4.60374	5962.5	3350.21	1.06801
209	9475.80	4.64257	6027.5	3348.06	1.06805
210	9582.27	4.68140	6092.5	3345.91	1.06809
211	9688.74	4.72023	6157.5	3343.76	1.06813
212	9795.21	4.75906	6222.5	3341.61	1.06817
213	9901.68	4.79789	6287.5	3339.46	1.06821
214	10008.15	4.83672	6352.5	3337.31	1.06825
215	10114.62	4.87555	6417.5	3335.16	1.06829
216	10221.09	4.91438	6482.5	3333.01	1.06833
217	10327.56	4.95321	6547.5	3330.86	1.06837
218	10434.03	4.99204	6612.5	3328.71	1.06841
219	10540.50	5.03087	6677.5	3326.56	1.06845
220	10646.97	5.06970	6742.5	3324.41	1.06849
221	10753.44	5.10853	6807.5	3322.26	1.06853
222	10859.91	5.14736	6872.5	3320.11	1.06857
223	10966.38	5.18619	6937.5	3317.96	1.06861
224	11072.85	5.22502	7002.5	3315.81	1.06865
225	11179.32	5.26385	7067.5	3313.66	1.06869
226	11285.79	5.30268	7132.5	3311.51	1.06873
227	11392.26	5.34151	7197.5	3309.36	1.06877
228	11498.73	5.38034	7262.5	3307.21	1.06881
229	11605.20	5.41917	7327.5	3305.06	1.06885
230	11711.67	5.45800	7392.5	3302.91	1.06889
231	11818.14	5.49683	7457.5	3300.76	1.06893
232	11924.61	5.53566	7522.5	3298.61	1.06897
233	12031.08	5.57449	7587.5	3296.46	1.06901
234	12137.55	5.61332	7652.5	3294.31	1.06905
235	12244.02	5.65215	7717.5	3292.16	1.06909
236	12350.49	5.69098	7782.5	3290.01	1.06913
237	12456.96	5.72981	7847.5	3287.86	1.06917
238	12563.43	5.76864	7912.5	3285.71	1.06921
239	12669.90	5.80747	7977.5	3283.56	1.06925
240	12776.37	5.84630	8042.5	3281.41	1.06929
241	12882.84	5.88513	8107.5	3279.26	1.06933
242	12989.31	5.92396	8172.5	3277.11	1.06937
243	13095.78	5.96279	8237.5	3274.96	1.06941
244	13202.25	6.00162	8302.5	3272.81	1.06945
245	13308.72	6.04045	8367.5	3270.66	1.06949
246	13415.19	6.07928	8432.5	3268.51	1.06953
247	13521.66	6.11811	8497.5	3266.36	1.06957
248	13628.13	6.15694	8562.5	3264.21	1.06961
249	13734.60	6.19577	8627.5	3262.06	1.06965
250	13841.07	6.23460	8692.5	3259.91	1.06969
251	13947.54	6.27343	8757.5	3257.76	1.06973
252	14054.01	6.31226	8822.5	3255.61	1.06977
253	14160.48	6.35109	8887.5	3253.46	1.06981
254	14266.95	6.38992	8952.5	3251.31	1.06985
255	14373.42	6.42875	9017.5	3249.16	1.06989
256	14479.89	6.46758	9082.5	3247.01	1.06993
257	14586.36	6.50641	9147.5	3244.86	1.06997
258	14692.83	6.54524	9212.5	3242.71	1.07001
259	14799.30	6.58407	9277.5	3240.56	1.07005
260	14905.77	6.62290	9342.5	3238.41	1.07009
261	15012.24	6.66173	9407.5	3236.26	1.07013
262	15118.71	6.70056	9472.5	3234.11	1.07017
263	15225.18	6.73939	9537.5	3231.96	1.07021
264	15331.65	6.77822	9602.5	3229.81	1.07025
265	15438.12	6.81705	9667.5	3227.66	1.07029
266	15544.59	6.85588	9732.5	3225.51	1.07033
267	15651.06	6.89471	9797.5	3223.36	1.07037
268	15757.53	6.93354	9862.5	3221.21	1.07041
269	15864.00	6.97237	9927.5	3219.06	1.07045
270	15970.47	7.01120	9992.5	3216.91	1.07049
271	16076.94	7.05003	10057.5	3214.76	1.07053
272	16183.41	7.08886	10122.5	3212.61	1.07057
273	16289.88	7.12769	10187.5	3210.46	1.07061
274	16396.35	7.16652	10252.5	3208.31	1.07065
275	16502.82	7.20535	10317.5	3206.16	1.07069
276	16609.29	7.24418	10382.5	3204.01	1.07073
277	16715.76	7.28301	10447.5	3201.86	1.07077
278	16822.23	7.32184	10512.5	3199.71	1.07081
279	16928.70	7.36067	10577.5	3197.56	1.07085
280	17035.17	7.39950	10642.5	3195.41	1.07089
281	17141.64	7.43833	10707.5	3193.26	1.07093
282	17248.11	7.47716	10772.5	3191.11	1.07097
283	17354.58	7.51599	1		

GRAVITY VALUE CORRECTED TIDAL EFFECTS, INSTRUMENT WEIGHT AND DRIFT
 STATION DATA FOR LEGS

S. N. O.	NO.	TIME	READING	INST. H.	FACTS	COR.	INST. COR.	COR.	DRIFT COR.	GRAV. DIFF.	GRAV. VAL.	
											CG	MGAL
32	1030	0 11 0	1241.474	24	1347.450	0.011	0.000	1347.461	0.0	0.0	977.451892	
1	1	0 11 1	1241.384	24	1347.350	0.011	0.000	1347.361	0.012	-0.172	977.451892	
2	2	0 11 2	1241.294	24	1347.250	0.011	0.000	1347.261	0.011	-1.314	977.451892	
3	3	0 11 3	1241.204	24	1347.150	0.011	0.000	1347.161	0.011	-2.456	977.451892	
4	4	0 11 4	1241.114	24	1347.050	0.011	0.000	1347.061	0.011	-3.598	977.451892	
5	5	0 11 5	1241.024	24	1346.950	0.011	0.000	1346.961	0.011	-4.740	977.451892	
6	6	0 11 6	1240.934	24	1346.850	0.011	0.000	1346.861	0.011	-5.882	977.451892	
7	7	0 11 7	1240.844	24	1346.750	0.011	0.000	1346.761	0.011	-7.024	977.451892	
8	8	0 11 8	1240.754	24	1346.650	0.011	0.000	1346.661	0.011	-8.166	977.451892	
9	9	0 11 9	1240.664	24	1346.550	0.011	0.000	1346.561	0.011	-9.308	977.451892	
10	10	0 11 10	1240.574	24	1346.450	0.011	0.000	1346.461	0.011	-10.450	977.451892	
11	11	0 11 11	1240.484	24	1346.350	0.011	0.000	1346.361	0.011	-11.592	977.451892	
12	12	0 11 12	1240.394	24	1346.250	0.011	0.000	1346.261	0.011	-12.734	977.451892	
13	13	0 11 13	1240.304	24	1346.150	0.011	0.000	1346.161	0.011	-13.876	977.451892	
14	14	0 11 14	1240.214	24	1346.050	0.011	0.000	1346.061	0.011	-15.018	977.451892	
15	15	0 11 15	1240.124	24	1345.950	0.011	0.000	1345.961	0.011	-16.160	977.451892	
16	16	0 11 16	1240.034	24	1345.850	0.011	0.000	1345.861	0.011	-17.302	977.451892	
17	17	0 11 17	1239.944	24	1345.750	0.011	0.000	1345.761	0.011	-18.444	977.451892	
18	18	0 11 18	1239.854	24	1345.650	0.011	0.000	1345.661	0.011	-19.586	977.451892	
19	19	0 11 19	1239.764	24	1345.550	0.011	0.000	1345.561	0.011	-20.728	977.451892	
20	20	0 11 20	1239.674	24	1345.450	0.011	0.000	1345.461	0.011	-21.870	977.451892	
21	21	0 11 21	1239.584	24	1345.350	0.011	0.000	1345.361	0.011	-23.012	977.451892	
22	22	0 11 22	1239.494	24	1345.250	0.011	0.000	1345.261	0.011	-24.154	977.451892	
23	23	0 11 23	1239.404	24	1345.150	0.011	0.000	1345.161	0.011	-25.296	977.451892	
24	24	0 11 24	1239.314	24	1345.050	0.011	0.000	1345.061	0.011	-26.438	977.451892	
25	25	0 11 25	1239.224	24	1344.950	0.011	0.000	1344.961	0.011	-27.580	977.451892	
26	26	0 11 26	1239.134	24	1344.850	0.011	0.000	1344.861	0.011	-28.722	977.451892	
27	27	0 11 27	1239.044	24	1344.750	0.011	0.000	1344.761	0.011	-29.864	977.451892	
28	28	0 11 28	1238.954	24	1344.650	0.011	0.000	1344.661	0.011	-31.006	977.451892	
29	29	0 11 29	1238.864	24	1344.550	0.011	0.000	1344.561	0.011	-32.148	977.451892	
30	30	0 11 30	1238.774	24	1344.450	0.011	0.000	1344.461	0.011	-33.290	977.451892	
31	31	0 11 31	1238.684	24	1344.350	0.011	0.000	1344.361	0.011	-34.432	977.451892	
32	32	0 11 32	1238.594	24	1344.250	0.011	0.000	1344.261	0.011	-35.574	977.451892	
33	33	0 11 33	1238.504	24	1344.150	0.011	0.000	1344.161	0.011	-36.716	977.451892	
34	34	0 11 34	1238.414	24	1344.050	0.011	0.000	1344.061	0.011	-37.858	977.451892	
35	35	0 11 35	1238.324	24	1343.950	0.011	0.000	1343.961	0.011	-39.000	977.451892	
36	36	0 11 36	1238.234	24	1343.850	0.011	0.000	1343.861	0.011	-40.142	977.451892	
37	37	0 11 37	1238.144	24	1343.750	0.011	0.000	1343.761	0.011	-41.284	977.451892	
38	38	0 11 38	1238.054	24	1343.650	0.011	0.000	1343.661	0.011	-42.426	977.451892	
39	39	0 11 39	1237.964	24	1343.550	0.011	0.000	1343.561	0.011	-43.568	977.451892	
40	40	0 11 40	1237.874	24	1343.450	0.011	0.000	1343.461	0.011	-44.710	977.451892	
41	41	0 11 41	1237.784	24	1343.350	0.011	0.000	1343.361	0.011	-45.852	977.451892	
42	42	0 11 42	1237.694	24	1343.250	0.011	0.000	1343.261	0.011	-47.094	977.451892	
43	43	0 11 43	1237.604	24	1343.150	0.011	0.000	1343.161	0.011	-48.236	977.451892	
44	44	0 11 44	1237.514	24	1343.050	0.011	0.000	1343.061	0.011	-49.378	977.451892	
45	45	0 11 45	1237.424	24	1342.950	0.011	0.000	1342.961	0.011	-50.520	977.451892	
46	46	0 11 46	1237.334	24	1342.850	0.011	0.000	1342.861	0.011	-51.662	977.451892	
47	47	0 11 47	1237.244	24	1342.750	0.011	0.000	1342.761	0.011	-52.804	977.451892	
48	48	0 11 48	1237.154	24	1342.650	0.011	0.000	1342.661	0.011	-53.946	977.451892	
49	49	0 11 49	1237.064	24	1342.550	0.011	0.000	1342.561	0.011	-55.088	977.451892	
50	50	0 11 50	1236.974	24	1342.450	0.011	0.000	1342.461	0.011	-56.230	977.451892	
51	51	0 11 51	1236.884	24	1342.350	0.011	0.000	1342.361	0.011	-57.372	977.451892	
52	52	0 11 52	1236.794	24	1342.250	0.011	0.000	1342.261	0.011	-58.514	977.451892	
53	53	0 11 53	1236.704	24	1342.150	0.011	0.000	1342.161	0.011	-59.656	977.451892	
54	54	0 11 54	1236.614	24	1342.050	0.011	0.000	1342.061	0.011	-60.798	977.451892	
55	55	0 11 55	1236.524	24	1341.950	0.011	0.000	1341.961	0.011	-61.940	977.451892	
56	56	0 11 56	1236.434	24	1341.850	0.011	0.000	1341.861	0.011	-63.082	977.451892	
57	57	0 11 57	1236.344	24	1341.750	0.011	0.000	1341.761	0.011	-64.224	977.451892	
58	58	0 11 58	1236.254	24	1341.650	0.011	0.000	1341.661	0.011	-65.366	977.451892	
59	59	0 11 59	1236.164	24	1341.550	0.011	0.000	1341.561	0.011	-66.508	977.451892	
60	60	0 11 60	1236.074	24	1341.450	0.011	0.000	1341.461	0.011	-67.650	977.451892	

DRIFT RATE PER AN HOUR 0.011

GRAVITY VALUE CORRECTED TIDAL EFFECTS, INSTRUMENT WEIGHT AND DRIFT
 STATION DATA FOR LEGS

S. N. O.	NO.	TIME	READING	INST. H.	FACTS	COR.	INST. COR.	COR.	DRIFT COR.	GRAV. DIFF.	GRAV. VAL.	
											CG	MGAL
32	1030	10 12 5	1261.413	24	1347.153	0.011	0.000	1347.164	0.0	0.0	977.451892	
15	15	10 12 10	1261.323	24	1347.053	0.011	0.000	1347.064	0.019	-14.321	977.451892	
16	16	10 12 15	1261.233	24	1346.953	0.011	0.000	1346.964	0.018	-28.642	977.451892	
17	17	10 12 20	1261.143	24	1346.853	0.011	0.000	1346.864	0.017	-42.963	977.451892	
18	18	10 12 25	1261.053	24	1346.753	0.011	0.000	1346.764	0.016	-57.284	977.451892	
19	19	10 12 30	1260.963	24	1346.653	0.011	0.000	1346.664	0.015	-71.605	977.451892	
20	20	10 12 35	1260.873	24	1346.553	0.011	0.000	1346.564	0.014	-85.926	977.451892	
21	21	10 12 40	1260.783	24	1346.453	0.011	0.000	1346.464	0.013	-100.247	977.451892	
22	22	10 12 45	1260.693	24	1346.353	0.011	0.000	1346.364	0.012	-114.568	977.451892	
23	23	10 12 50	1260.603	24	1346.253	0.011	0.000	1346.264	0.011	-128.889	977.451892	
24	24	10 12 55	1260.513	24	1346.153	0.011	0.000	1346.164	0.010	-143.210	977.451892	
25	25	10 13 0	1260.423	24	1346.053	0.011	0.000	1346.064	0.009	-157.531	977.451892	
26	26	10 13 05	1260.333	24	1345.953	0.011	0.000	1345.964	0.008	-171.852	977.451892	
27	27	10 13 10	1260.243	24	1345.853	0.011	0.000	1345.864	0.007	-186.173	977.451892	
28	28	10 13 15	1260.153	24	1345.753	0.011	0.000	1345.764	0.006	-200.494	977.451892	
29	29	10 13 20	1260.063	24	1345.653	0.011	0.000	1345.664	0.005	-214.815	977.451892	
30	30	10 13 25	1259.973	24	1345.553	0.011	0.000	1345.564	0.004	-229.136	977.451892	
31	31	10 13 30	1259.883	24	1345.453	0.011	0.000	1345.464	0.003	-243.457	977.451892	
32	32	10 13 35	1259.793	24	1345.353	0.011	0.000	1345.364	0.002	-257.778	977.451892	
33	33											

STATION DATA FOR STG2

GAUSSIAN VALUE (CORRECTED FOR EFFECTS OF INSTRUMENT HEIGHT AND DRIFT)

STATION DATA FOR STG2

ST. NO.	DATE	TIME	READING	FACTS	ETCOR	INST. COR.	S. COR.	DRIFT COR.	GAUSS. VAL.	GAUSS. VAL.
112	1950	11 4 7	1260.301	27	1341.645	-7.023	0.000	0.000	1341.645	0.000
113	1950	11 4 21	1256.228	26	1337.621	-6.597	0.000	0.000	1337.621	-4.104
114	1950	11 4 39	1252.278	26	1333.611	-6.200	0.000	0.000	1333.611	-8.000
115	1950	11 4 51	1248.318	26	1329.615	-5.811	0.000	0.000	1329.615	-11.825
116	1950	11 4 5	1244.318	26	1325.635	-5.431	0.000	0.000	1325.635	-15.575
117	1950	11 4 17	1240.358	26	1321.675	-5.051	0.000	0.000	1321.675	-19.250
118	1950	11 4 29	1236.398	26	1317.735	-4.671	0.000	0.000	1317.735	-22.850
119	1950	11 4 41	1232.438	26	1313.815	-4.291	0.000	0.000	1313.815	-26.375
120	1950	11 4 53	1228.478	26	1309.915	-3.911	0.000	0.000	1309.915	-29.825
121	1950	11 4 5	1224.518	26	1306.035	-3.531	0.000	0.000	1306.035	-33.175
122	1950	11 4 17	1220.558	26	1302.175	-3.151	0.000	0.000	1302.175	-36.425
123	1950	11 4 29	1216.598	26	1298.335	-2.771	0.000	0.000	1298.335	-39.575
124	1950	11 4 41	1212.638	26	1294.515	-2.391	0.000	0.000	1294.515	-42.625
125	1950	11 4 53	1208.678	26	1290.715	-2.011	0.000	0.000	1290.715	-45.575
126	1950	11 5 5	1204.718	26	1286.935	-1.631	0.000	0.000	1286.935	-48.425
127	1950	11 5 17	1200.758	26	1283.175	-1.251	0.000	0.000	1283.175	-51.175
128	1950	11 5 29	1196.798	26	1279.435	-0.871	0.000	0.000	1279.435	-53.825
0	1950	11 5 37	1192.838	26	1275.715	-0.491	0.000	0.000	1275.715	-56.375

DRIFT RATE (PER AN HOUR) 0.0233

STATION DATA FOR STG3

GAUSSIAN VALUE (CORRECTED FOR EFFECTS OF INSTRUMENT HEIGHT AND DRIFT)

STATION DATA FOR STG3

ST. NO.	DATE	TIME	READING	FACTS	ETCOR	INST. COR.	S. COR.	DRIFT COR.	GAUSS. VAL.	GAUSS. VAL.
129	1950	11 4 24	1269.697	27	1341.421	-7.023	0.000	0.000	1341.421	0.000
130	1950	11 4 36	1265.727	26	1337.411	-6.597	0.000	0.000	1337.411	-4.104
131	1950	11 4 48	1261.757	26	1333.411	-6.180	0.000	0.000	1333.411	-8.000
132	1950	11 4 51	1257.787	26	1329.421	-5.763	0.000	0.000	1329.421	-11.825
133	1950	11 4 54	1253.817	26	1325.441	-5.346	0.000	0.000	1325.441	-15.575
134	1950	11 4 57	1249.847	26	1321.471	-4.929	0.000	0.000	1321.471	-19.250
135	1950	11 5 0	1245.877	26	1317.511	-4.512	0.000	0.000	1317.511	-22.850
136	1950	11 5 3	1241.907	26	1313.561	-4.095	0.000	0.000	1313.561	-26.375
137	1950	11 5 6	1237.937	26	1309.621	-3.678	0.000	0.000	1309.621	-29.825
138	1950	11 5 9	1233.967	26	1305.691	-3.261	0.000	0.000	1305.691	-33.175
0	1950	11 5 12	1229.997	26	1301.771	-2.844	0.000	0.000	1301.771	-36.425

DRIFT RATE (PER AN HOUR) 0.0097

STATION DATA FOR STG4

GAUSSIAN VALUE (CORRECTED FOR EFFECTS OF INSTRUMENT HEIGHT AND DRIFT)

STATION DATA FOR STG4

ST. NO.	DATE	TIME	READING	FACTS	ETCOR	INST. COR.	S. COR.	DRIFT COR.	GAUSS. VAL.	GAUSS. VAL.
139	1950	11 4 12	1260.360	27	1341.109	-7.133	0.000	0.000	1341.112	0.000
140	1950	11 4 24	1256.370	26	1337.119	-6.722	0.000	0.000	1337.126	-4.104
141	1950	11 4 36	1252.380	26	1333.139	-6.311	0.000	0.000	1333.152	-8.000
142	1950	11 4 48	1248.390	26	1329.169	-5.900	0.000	0.000	1329.188	-11.825
143	1950	11 4 51	1244.400	26	1325.209	-5.489	0.000	0.000	1325.232	-15.575
144	1950	11 4 54	1240.410	26	1321.259	-5.078	0.000	0.000	1321.288	-19.250
145	1950	11 4 57	1236.420	26	1317.319	-4.667	0.000	0.000	1317.352	-22.850
146	1950	11 5 0	1232.430	26	1313.389	-4.256	0.000	0.000	1313.428	-26.375
147	1950	11 5 3	1228.440	26	1309.469	-3.845	0.000	0.000	1309.512	-29.825
148	1950	11 5 6	1224.450	26	1305.559	-3.434	0.000	0.000	1305.608	-33.175
149	1950	11 5 9	1220.460	26	1301.659	-3.023	0.000	0.000	1301.712	-36.425
150	1950	11 5 12	1216.470	26	1297.769	-2.612	0.000	0.000	1297.828	-39.575
151	1950	11 5 15	1212.480	26	1293.889	-2.201	0.000	0.000	1293.952	-42.625
152	1950	11 5 18	1208.490	26	1289.999	-1.790	0.000	0.000	1289.999	-45.575
153	1950	11 5 21	1204.500	26	1286.119	-1.379	0.000	0.000	1286.042	-48.425
154	1950	11 5 24	1200.510	26	1282.239	-0.968	0.000	0.000	1282.081	-51.175
155	1950	11 5 27	1196.520	26	1278.359	-0.557	0.000	0.000	1278.024	-53.825
156	1950	11 5 30	1192.530	26	1274.479	-0.146	0.000	0.000	1274.008	-56.375
0	1950	11 5 33	1188.540	26	1270.599	0.265	0.000	0.000	1270.000	-58.925

DRIFT RATE (PER AN HOUR) 0.0068

GRAVITY VALUE T CORRECTED TIDAL EFFECT, INSTRUMENT HEIGHT AND DRIFT 1											PESCO 23					
LATITUDE		LONG		ON GEODESIC SURVEY OF PERU 1 BY PAGE 9-10											STATION DATA FOR SICES	
Y. M. D.	NO.	TIME	READING	INST. H.	R. FACT.	STECN	INST. COR.	S. COR.	DRIFT COR.	GRAV. DIF.	GRAV. VAL.	GRAV.	GILL			
52	112	0	11	1247.373	24	1441.323	0.010	0.011	1441.023	0.0	0.0	977.47315	977.47315			
155	112	15	11	1247.372	24	1441.322	0.010	0.011	1441.022	0.001	-0.001	977.47314	977.47314			
156	112	16	11	1247.371	24	1441.321	0.010	0.011	1441.021	0.001	-0.001	977.47313	977.47313			
157	112	17	11	1247.370	24	1441.320	0.010	0.011	1441.020	0.001	-0.001	977.47312	977.47312			
158	112	18	11	1247.369	24	1441.319	0.010	0.011	1441.019	0.001	-0.001	977.47311	977.47311			
159	112	19	11	1247.368	24	1441.318	0.010	0.011	1441.018	0.001	-0.001	977.47310	977.47310			
160	112	20	11	1247.367	24	1441.317	0.010	0.011	1441.017	0.001	-0.001	977.47309	977.47309			
161	112	21	11	1247.366	24	1441.316	0.010	0.011	1441.016	0.001	-0.001	977.47308	977.47308			
162	112	22	11	1247.365	24	1441.315	0.010	0.011	1441.015	0.001	-0.001	977.47307	977.47307			
163	112	23	11	1247.364	24	1441.314	0.010	0.011	1441.014	0.001	-0.001	977.47306	977.47306			
164	112	24	11	1247.363	24	1441.313	0.010	0.011	1441.013	0.001	-0.001	977.47305	977.47305			
165	112	25	11	1247.362	24	1441.312	0.010	0.011	1441.012	0.001	-0.001	977.47304	977.47304			
166	112	26	11	1247.361	24	1441.311	0.010	0.011	1441.011	0.001	-0.001	977.47303	977.47303			
167	112	27	11	1247.360	24	1441.310	0.010	0.011	1441.010	0.001	-0.001	977.47302	977.47302			
168	112	28	11	1247.359	24	1441.309	0.010	0.011	1441.009	0.001	-0.001	977.47301	977.47301			
169	112	29	11	1247.358	24	1441.308	0.010	0.011	1441.008	0.001	-0.001	977.47300	977.47300			
170	112	30	11	1247.357	24	1441.307	0.010	0.011	1441.007	0.001	-0.001	977.47299	977.47299			
171	112	31	11	1247.356	24	1441.306	0.010	0.011	1441.006	0.001	-0.001	977.47298	977.47298			
172	112	32	11	1247.355	24	1441.305	0.010	0.011	1441.005	0.001	-0.001	977.47297	977.47297			
173	112	33	11	1247.354	24	1441.304	0.010	0.011	1441.004	0.001	-0.001	977.47296	977.47296			
174	112	34	11	1247.353	24	1441.303	0.010	0.011	1441.003	0.001	-0.001	977.47295	977.47295			
175	112	35	11	1247.352	24	1441.302	0.010	0.011	1441.002	0.001	-0.001	977.47294	977.47294			
176	112	36	11	1247.351	24	1441.301	0.010	0.011	1441.001	0.001	-0.001	977.47293	977.47293			
177	112	37	11	1247.350	24	1441.300	0.010	0.011	1441.000	0.001	-0.001	977.47292	977.47292			
178	112	38	11	1247.349	24	1441.299	0.010	0.011	1440.999	0.001	-0.001	977.47291	977.47291			
179	112	39	11	1247.348	24	1441.298	0.010	0.011	1440.998	0.001	-0.001	977.47290	977.47290			
180	112	40	11	1247.347	24	1441.297	0.010	0.011	1440.997	0.001	-0.001	977.47289	977.47289			
181	112	41	11	1247.346	24	1441.296	0.010	0.011	1440.996	0.001	-0.001	977.47288	977.47288			
182	112	42	11	1247.345	24	1441.295	0.010	0.011	1440.995	0.001	-0.001	977.47287	977.47287			
183	112	43	11	1247.344	24	1441.294	0.010	0.011	1440.994	0.001	-0.001	977.47286	977.47286			
184	112	44	11	1247.343	24	1441.293	0.010	0.011	1440.993	0.001	-0.001	977.47285	977.47285			
185	112	45	11	1247.342	24	1441.292	0.010	0.011	1440.992	0.001	-0.001	977.47284	977.47284			
186	112	46	11	1247.341	24	1441.291	0.010	0.011	1440.991	0.001	-0.001	977.47283	977.47283			
187	112	47	11	1247.340	24	1441.290	0.010	0.011	1440.990	0.001	-0.001	977.47282	977.47282			
188	112	48	11	1247.339	24	1441.289	0.010	0.011	1440.989	0.001	-0.001	977.47281	977.47281			
189	112	49	11	1247.338	24	1441.288	0.010	0.011	1440.988	0.001	-0.001	977.47280	977.47280			
190	112	50	11	1247.337	24	1441.287	0.010	0.011	1440.987	0.001	-0.001	977.47279	977.47279			
191	112	51	11	1247.336	24	1441.286	0.010	0.011	1440.986	0.001	-0.001	977.47278	977.47278			
192	112	52	11	1247.335	24	1441.285	0.010	0.011	1440.985	0.001	-0.001	977.47277	977.47277			
193	112	53	11	1247.334	24	1441.284	0.010	0.011	1440.984	0.001	-0.001	977.47276	977.47276			
194	112	54	11	1247.333	24	1441.283	0.010	0.011	1440.983	0.001	-0.001	977.47275	977.47275			
195	112	55	11	1247.332	24	1441.282	0.010	0.011	1440.982	0.001	-0.001	977.47274	977.47274			
196	112	56	11	1247.331	24	1441.281	0.010	0.011	1440.981	0.001	-0.001	977.47273	977.47273			
197	112	57	11	1247.330	24	1441.280	0.010	0.011	1440.980	0.001	-0.001	977.47272	977.47272			
198	112	58	11	1247.329	24	1441.279	0.010	0.011	1440.979	0.001	-0.001	977.47271	977.47271			
199	112	59	11	1247.328	24	1441.278	0.010	0.011	1440.978	0.001	-0.001	977.47270	977.47270			
200	112	60	11	1247.327	24	1441.277	0.010	0.011	1440.977	0.001	-0.001	977.47269	977.47269			
201	112	61	11	1247.326	24	1441.276	0.010	0.011	1440.976	0.001	-0.001	977.47268	977.47268			
202	112	62	11	1247.325	24	1441.275	0.010	0.011	1440.975	0.001	-0.001	977.47267	977.47267			
203	112	63	11	1247.324	24	1441.274	0.010	0.011	1440.974	0.001	-0.001	977.47266	977.47266			
204	112	64	11	1247.323	24	1441.273	0.010	0.011	1440.973	0.001	-0.001	977.47265	977.47265			
205	112	65	11	1247.322	24	1441.272	0.010	0.011	1440.972	0.001	-0.001	977.47264	977.47264			
206	112	66	11	1247.321	24	1441.271	0.010	0.011	1440.971	0.001	-0.001	977.47263	977.47263			
207	112	67	11	1247.320	24	1441.270	0.010	0.011	1440.970	0.001	-0.001	977.47262	977.47262			
208	112	68	11	1247.319	24	1441.269	0.010	0.011	1440.969	0.001	-0.001	977.47261	977.47261			
209	112	69	11	1247.318	24	1441.268	0.010	0.011	1440.968	0.001	-0.001	977.47260	977.47260			
210	112	70	11	1247.317	24	1441.267	0.010	0.011	1440.967	0.001	-0.001	977.47259	977.47259			
211	112	71	11	1247.316	24	1441.266	0.010	0.011	1440.966	0.001	-0.001	977.47258	977.47258			
212	112	72	11	1247.315	24	1441.265	0.010	0.011	1440.965	0.001	-0.001	977.47257	977.47257			
213	112	73	11	1247.314	24	1441.264	0.010	0.011	1440.964	0.001	-0.001	977.47256	977.47256			
214	112	74	11	1247.313	24	1441.263	0.010	0.011	1440.963	0.001	-0.001	977.47255	977.47255			
215	112	75	11	1247.312	24	1441.262	0.010	0.011	1440.962	0.001	-0.001	977.47254	977.47254			
216	112	76	11	1247.311	24	1441.261	0.010	0.011	1440.961	0.001	-0.001	977.47253	977.47253			
217	112	77	11	1247.310	24	1441.260	0.010	0.011	1440.960	0.001	-0.001	977.47252	977.47252			
218	112	78	11	1247.309	24	1441.259	0.010	0.011	1440.959	0.001	-0.001	977.47251	977.47251			
219	112	79	11	1247.308	24	1441.258	0.010	0.011	1440.958	0.001	-0.001	977.47250	977.47250			
220	112	80	11	1247.307	24	1441.257	0.010	0.011	1440.957	0.001	-0.001	977.47249	977.47249			
221	112	81	11	1247.306	24	1441.256	0.010	0.011	1440.956	0.001	-0.001	977.47248	977.47248			
222	112	82	11	1247.305	24	1441.255	0.010	0.011	1440.955	0.001	-0.001	977.47247	977.47247			
223	112	83	11	1247.304	24	1441.254	0.010	0.011	1440.954	0.001	-0.001	977.47246	977.47246			
224	112	84	11	1247.303	24	1441.253	0.010	0.011	1440.953	0.001	-0.001	977.47245	977.47245			
225	112	85	11	1247.302	24	1441.252	0.010	0.011	1440.952	0.001	-0.001	977.47244	977.47244			
226	112	86	11	1247.301	24	1441.251	0.010	0.011	1440.951	0.001	-0.001	977.47243	977.47243			
227	112	87	11	1247.30												

GRAVITY VALUE CORRECTED TIDAL EFFECT, INSTRUMENT WEIGHT AND DRIFT
 CROSS-SECTIONAL SURVEY OF BEAU T 17 7.06-6.10 STATION DATA FOR SECT 21

Y	M	D	H	M	W	CH	WGL	WGL	WGL	WGL	WGL	WGL	WGL
107	22	22	9	21	1250.214	27	1378.711	0.011	0.031	1107.864	0.0	0.0	077.45073
107	22	22	9	21	1250.410	27	1378.827	0.027	0.021	1107.864	0.018	-13.114	077.45073
107	22	22	9	21	1250.611	27	1378.944	0.027	0.025	1107.864	0.018	-23.114	077.45073
107	22	22	9	21	1250.811	27	1379.061	0.027	0.029	1107.864	0.022	-33.014	077.45073
107	22	22	9	21	1251.011	27	1379.178	0.027	0.033	1107.864	0.026	-43.014	077.45073
107	22	22	9	21	1251.211	27	1379.295	0.027	0.037	1107.864	0.030	-53.014	077.45073
107	22	22	9	21	1251.411	27	1379.412	0.027	0.041	1107.864	0.034	-63.014	077.45073
107	22	22	9	21	1251.611	27	1379.529	0.027	0.045	1107.864	0.038	-73.014	077.45073
107	22	22	9	21	1251.811	27	1379.646	0.027	0.049	1107.864	0.042	-83.014	077.45073
107	22	22	9	21	1252.011	27	1379.763	0.027	0.053	1107.864	0.046	-93.014	077.45073
107	22	22	9	21	1252.211	27	1379.880	0.027	0.057	1107.864	0.050	-103.014	077.45073
107	22	22	9	21	1252.411	27	1379.997	0.027	0.061	1107.864	0.054	-113.014	077.45073
107	22	22	9	21	1252.611	27	1380.114	0.027	0.065	1107.864	0.058	-123.014	077.45073
107	22	22	9	21	1252.811	27	1380.231	0.027	0.069	1107.864	0.062	-133.014	077.45073
107	22	22	9	21	1253.011	27	1380.348	0.027	0.073	1107.864	0.066	-143.014	077.45073
107	22	22	9	21	1253.211	27	1380.465	0.027	0.077	1107.864	0.070	-153.014	077.45073
107	22	22	9	21	1253.411	27	1380.582	0.027	0.081	1107.864	0.074	-163.014	077.45073
107	22	22	9	21	1253.611	27	1380.699	0.027	0.085	1107.864	0.078	-173.014	077.45073
107	22	22	9	21	1253.811	27	1380.816	0.027	0.089	1107.864	0.082	-183.014	077.45073
107	22	22	9	21	1254.011	27	1380.933	0.027	0.093	1107.864	0.086	-193.014	077.45073
107	22	22	9	21	1254.211	27	1381.050	0.027	0.097	1107.864	0.090	-203.014	077.45073
107	22	22	9	21	1254.411	27	1381.167	0.027	0.101	1107.864	0.094	-213.014	077.45073
107	22	22	9	21	1254.611	27	1381.284	0.027	0.105	1107.864	0.098	-223.014	077.45073
107	22	22	9	21	1254.811	27	1381.401	0.027	0.109	1107.864	0.102	-233.014	077.45073
107	22	22	9	21	1255.011	27	1381.518	0.027	0.113	1107.864	0.106	-243.014	077.45073
107	22	22	9	21	1255.211	27	1381.635	0.027	0.117	1107.864	0.110	-253.014	077.45073
107	22	22	9	21	1255.411	27	1381.752	0.027	0.121	1107.864	0.114	-263.014	077.45073
107	22	22	9	21	1255.611	27	1381.869	0.027	0.125	1107.864	0.118	-273.014	077.45073
107	22	22	9	21	1256.011	27	1382.114	0.027	0.133	1107.864	0.126	-283.014	077.45073
107	22	22	9	21	1256.411	27	1382.359	0.027	0.141	1107.864	0.134	-293.014	077.45073
107	22	22	9	21	1256.811	27	1382.604	0.027	0.149	1107.864	0.142	-303.014	077.45073
107	22	22	9	21	1257.211	27	1382.849	0.027	0.157	1107.864	0.150	-313.014	077.45073
107	22	22	9	21	1257.611	27	1383.094	0.027	0.165	1107.864	0.158	-323.014	077.45073
107	22	22	9	21	1258.011	27	1383.339	0.027	0.173	1107.864	0.166	-333.014	077.45073
107	22	22	9	21	1258.411	27	1383.584	0.027	0.181	1107.864	0.174	-343.014	077.45073
107	22	22	9	21	1258.811	27	1383.829	0.027	0.189	1107.864	0.182	-353.014	077.45073
107	22	22	9	21	1259.211	27	1384.074	0.027	0.197	1107.864	0.190	-363.014	077.45073
107	22	22	9	21	1259.611	27	1384.319	0.027	0.205	1107.864	0.198	-373.014	077.45073
107	22	22	9	21	1260.011	27	1384.564	0.027	0.213	1107.864	0.206	-383.014	077.45073
107	22	22	9	21	1260.411	27	1384.809	0.027	0.221	1107.864	0.214	-393.014	077.45073
107	22	22	9	21	1260.811	27	1385.054	0.027	0.229	1107.864	0.222	-403.014	077.45073
107	22	22	9	21	1261.211	27	1385.299	0.027	0.237	1107.864	0.230	-413.014	077.45073
107	22	22	9	21	1261.611	27	1385.544	0.027	0.245	1107.864	0.238	-423.014	077.45073
107	22	22	9	21	1262.011	27	1385.789	0.027	0.253	1107.864	0.246	-433.014	077.45073
107	22	22	9	21	1262.411	27	1386.034	0.027	0.261	1107.864	0.254	-443.014	077.45073
107	22	22	9	21	1262.811	27	1386.279	0.027	0.269	1107.864	0.262	-453.014	077.45073
107	22	22	9	21	1263.211	27	1386.524	0.027	0.277	1107.864	0.270	-463.014	077.45073
107	22	22	9	21	1263.611	27	1386.769	0.027	0.285	1107.864	0.278	-473.014	077.45073
107	22	22	9	21	1264.011	27	1387.014	0.027	0.293	1107.864	0.286	-483.014	077.45073
107	22	22	9	21	1264.411	27	1387.259	0.027	0.301	1107.864	0.294	-493.014	077.45073
107	22	22	9	21	1264.811	27	1387.504	0.027	0.309	1107.864	0.302	-503.014	077.45073
107	22	22	9	21	1265.211	27	1387.749	0.027	0.317	1107.864	0.310	-513.014	077.45073
107	22	22	9	21	1265.611	27	1387.994	0.027	0.325	1107.864	0.318	-523.014	077.45073
107	22	22	9	21	1266.011	27	1388.239	0.027	0.333	1107.864	0.326	-533.014	077.45073
107	22	22	9	21	1266.411	27	1388.484	0.027	0.341	1107.864	0.334	-543.014	077.45073
107	22	22	9	21	1266.811	27	1388.729	0.027	0.349	1107.864	0.342	-553.014	077.45073
107	22	22	9	21	1267.211	27	1388.974	0.027	0.357	1107.864	0.350	-563.014	077.45073
107	22	22	9	21	1267.611	27	1389.219	0.027	0.365	1107.864	0.358	-573.014	077.45073
107	22	22	9	21	1268.011	27	1389.464	0.027	0.373	1107.864	0.366	-583.014	077.45073
107	22	22	9	21	1268.411	27	1389.709	0.027	0.381	1107.864	0.374	-593.014	077.45073
107	22	22	9	21	1268.811	27	1390.054	0.027	0.389	1107.864	0.382	-603.014	077.45073
107	22	22	9	21	1269.211	27	1390.299	0.027	0.397	1107.864	0.390	-613.014	077.45073
107	22	22	9	21	1269.611	27	1390.544	0.027	0.405	1107.864	0.398	-623.014	077.45073
107	22	22	9	21	1270.011	27	1390.789	0.027	0.413	1107.864	0.406	-633.014	077.45073
107	22	22	9	21	1270.411	27	1391.034	0.027	0.421	1107.864	0.414	-643.014	077.45073
107	22	22	9	21	1270.811	27	1391.279	0.027	0.429	1107.864	0.422	-653.014	077.45073
107	22	22	9	21	1271.211	27	1391.524	0.027	0.437	1107.864	0.430	-663.014	077.45073
107	22	22	9	21	1271.611	27	1391.769	0.027	0.445	1107.864	0.438	-673.014	077.45073
107	22	22	9	21	1272.011	27	1392.014	0.027	0.453	1107.864	0.446	-683.014	077.45073
107	22	22	9	21	1272.411	27	1392.259	0.027	0.461	1107.864	0.454	-693.014	077.45073
107	22	22	9	21	1272.811	27	1392.504	0.027	0.469	1107.864	0.462	-703.014	077.45073
107	22	22	9	21	1273.211	27	1392.749	0.027	0.477	1107.864	0.470	-713.014	077.45073
107	22	22	9	21	1273.611	27	1392.994	0.027	0.485	1107.864	0.478	-723.014	077.45073
107	22	22	9	21	1274.011	27	1393.239	0.027	0.493	1107.864	0.486	-733.014	077.45073
107	22	22	9	21	1274.411	27	1393.484	0.027	0.501	1107.864	0.494	-743.014	077.45073
107	22	22	9	21	1274.811	27	1393.729	0.027	0.509	1107.864	0.502	-753.014	077.45073
107	22	22	9	21	1275.211	27	1393.974	0.027	0.517	1107.864	0.510	-763.014	077.45073
107	22	22	9	21	1275.611	27	1394.219	0.027	0.525	1107.864	0.518	-773.014	077.45073
107	22	22	9	21	1276.011	27	1394.464	0.027	0.533	1107.864	0.526	-783.014	077.45073
107	22	22	9	21	1276.411	27	1394.709	0.027	0.541	1107.864	0.534	-793.014	077.45073
107	22	22	9	21	1276.811	27	1394.954	0.027	0.549	1107.864	0.542	-803.014	077.45073
107	22	22	9	21	1277.211	27	1395.199	0.027	0.557	1107.864	0.550	-813.014	077.45073
107	22	22	9	21	1277.611	27	1395.444	0.027	0.565	1107.864	0.558	-823.014	077.45073
107	22	22	9	21	1278.011	27	1395.689	0.027	0.573	1107.864	0.566	-833.014	077.45073
107	22	22	9	21	1278.411	27	1395.934	0.027	0.581	1107.864	0.574	-843.014	077.45073
107	22	22	9	21	1278.811	27	1396.179	0.027	0.589	1107.864	0.582		

CORRECTED FINAL EFFECT, INSTRUMENT HEIGHT AND DRIFT											PESCO 30	
STATION DATA FOR SLOPE												
Y	X	Z	NO	TIME	READING INST. H	A FACT	STICOM	INST. COR	I COR	DRIFT COR	GRAV. DIFF.	GRAV. VAL.
32	0	11	0	0	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
318	0	11	15	10	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
319	0	11	15	15	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
DRIFT RATE (PER 10 HOURS)											0.000	

CORRECTED FINAL EFFECT, INSTRUMENT HEIGHT AND DRIFT											PESCO 34	
STATION DATA FOR SLOPE												
Y	X	Z	NO	TIME	READING INST. H	A FACT	STICOM	INST. COR	I COR	DRIFT COR	GRAV. DIFF.	GRAV. VAL.
317	0	11	0	0	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
318	0	11	15	10	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
319	0	11	15	15	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
DRIFT RATE (PER 10 HOURS)											0.000	

CORRECTED FINAL EFFECT, INSTRUMENT HEIGHT AND DRIFT											PESCO 31	
STATION DATA FOR SLOPE												
Y	X	Z	NO	TIME	READING INST. H	A FACT	STICOM	INST. COR	I COR	DRIFT COR	GRAV. DIFF.	GRAV. VAL.
320	0	11	0	0	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
321	0	11	15	10	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
322	0	11	15	15	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
323	0	11	15	20	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
324	0	11	15	25	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
325	0	11	15	30	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
326	0	11	15	35	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
327	0	11	15	40	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
328	0	11	15	45	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
329	0	11	15	50	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
330	0	11	15	55	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
331	0	11	15	00	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
DRIFT RATE (PER 10 HOURS)											0.000	

CORRECTED FINAL EFFECT, INSTRUMENT HEIGHT AND DRIFT											PESCO 32	
STATION DATA FOR SLOPE												
Y	X	Z	NO	TIME	READING INST. H	A FACT	STICOM	INST. COR	I COR	DRIFT COR	GRAV. DIFF.	GRAV. VAL.
332	0	11	0	0	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
333	0	11	15	10	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
334	0	11	15	15	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
335	0	11	15	20	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
336	0	11	15	25	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
337	0	11	15	30	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
338	0	11	15	35	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
339	0	11	15	40	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
340	0	11	15	45	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
341	0	11	15	50	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
342	0	11	15	55	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
343	0	11	15	00	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
DRIFT RATE (PER 10 HOURS)											0.000	

CORRECTED FINAL EFFECT, INSTRUMENT HEIGHT AND DRIFT											PESCO 33	
STATION DATA FOR SLOPE												
Y	X	Z	NO	TIME	READING INST. H	A FACT	STICOM	INST. COR	I COR	DRIFT COR	GRAV. DIFF.	GRAV. VAL.
344	0	11	0	0	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
345	0	11	15	10	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
346	0	11	15	15	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
347	0	11	15	20	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
348	0	11	15	25	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
349	0	11	15	30	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
350	0	11	15	35	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
351	0	11	15	40	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
352	0	11	15	45	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
353	0	11	15	50	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
354	0	11	15	55	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
355	0	11	15	00	1250.768	27	1250.768	0.000	0.000	0.000	0.000	0.000
DRIFT RATE (PER 10 HOURS)											0.000	

GRAVITY VALUE CORRECTED FINAL EFFECT, INSTRUMENT HEIGHT AND DRIFT
 STATION DATA FOR SECS 47

Y	M	D	HR	MIN	SEC	INST. NO.	FACE	STATION	COL.	DRIFT	GRAV. DIFF.	GRAV. VAL.
52	1	25	7	36		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
211	1	25	7	37		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
369	1	25	7	38		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
527	1	25	7	39		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
685	1	25	7	40		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
843	1	25	7	41		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
1001	1	25	7	42		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
1159	1	25	7	43		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
1317	1	25	7	44		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
1475	1	25	7	45		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
1633	1	25	7	46		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
1791	1	25	7	47		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
1949	1	25	7	48		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
2107	1	25	7	49		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
2265	1	25	7	50		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
2423	1	25	7	51		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
2581	1	25	7	52		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
2739	1	25	7	53		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
2897	1	25	7	54		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
3055	1	25	7	55		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
3213	1	25	7	56		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
3371	1	25	7	57		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
3529	1	25	7	58		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
3687	1	25	7	59		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
3845	1	25	7	00		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
4003	1	25	7	01		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
4161	1	25	7	02		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
4319	1	25	7	03		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
4477	1	25	7	04		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
4635	1	25	7	05		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
4793	1	25	7	06		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
4951	1	25	7	07		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
5109	1	25	7	08		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
5267	1	25	7	09		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
5425	1	25	7	10		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
5583	1	25	7	11		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
5741	1	25	7	12		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
5899	1	25	7	13		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
6057	1	25	7	14		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
6215	1	25	7	15		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
6373	1	25	7	16		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
6531	1	25	7	17		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
6689	1	25	7	18		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
6847	1	25	7	19		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
7005	1	25	7	20		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
7163	1	25	7	21		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
7321	1	25	7	22		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
7479	1	25	7	23		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
7637	1	25	7	24		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
7795	1	25	7	25		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
7953	1	25	7	26		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
8111	1	25	7	27		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
8269	1	25	7	28		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
8427	1	25	7	29		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
8585	1	25	7	30		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
8743	1	25	7	31		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
8901	1	25	7	32		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
9059	1	25	7	33		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
9217	1	25	7	34		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
9375	1	25	7	35		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
9533	1	25	7	36		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
9691	1	25	7	37		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
9849	1	25	7	38		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
10007	1	25	7	39		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
10165	1	25	7	40		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
10323	1	25	7	41		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
10481	1	25	7	42		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
10639	1	25	7	43		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
10797	1	25	7	44		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
10955	1	25	7	45		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
11113	1	25	7	46		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
11271	1	25	7	47		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
11429	1	25	7	48		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
11587	1	25	7	49		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
11745	1	25	7	50		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
11903	1	25	7	51		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
12061	1	25	7	52		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
12219	1	25	7	53		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
12377	1	25	7	54		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
12535	1	25	7	55		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
12693	1	25	7	56		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
12851	1	25	7	57		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
13009	1	25	7	58		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
13167	1	25	7	59		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
13325	1	25	7	00		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
13483	1	25	7	01		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
13641	1	25	7	02		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
13799	1	25	7	03		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
13957	1	25	7	04		1237.177	CS	1237.177	0.000	0.000	0.000	977.450593
14115	1	25	7	05		1237.177	CS	1				

GRAVITY VALUE (CORRECTED TIDAL EFFECTS, INSTRUMENT HEIGHT AND DRIFT)												PAGES 51	
LACOSTE 342												STATION DATA FOR SICES	
Y. M. D.	NO.	TIME	READING INST. A	A FACT.	FIGURE	INST. COR.	S. COR.	DRIFT COR.	GRAV. DIFF.	GRAV. VAL.			
57	8	5	0 11 17	1255.515	28	137.541	0.111	0.000	1376.656	0.0	0.0	077.65783	
60	1022	8 10 51	1252.162	28	137.541	0.111	0.000	1376.656	0.0	0.0	077.65783		
410	1026	8 11 5	1252.717	28	137.541	0.111	0.000	1376.656	0.0	0.0	077.65783		
411	1031	8 11 18	1255.316	28	137.541	0.111	0.000	1376.656	0.0	0.0	077.65783		
412	1034	8 12 15	1257.070	28	137.541	0.111	0.000	1376.656	0.0	0.0	077.65783		
413	1039	8 12 27	1255.818	28	137.541	0.111	0.000	1376.656	0.0	0.0	077.65783		
414	1044	8 13 15	1257.311	28	137.541	0.111	0.000	1376.656	0.0	0.0	077.65783		
415	1049	8 14 11	1255.164	28	137.541	0.111	0.000	1376.656	0.0	0.0	077.65783		
416	1054	8 15 12	1255.411	28	137.541	0.111	0.000	1376.656	0.0	0.0	077.65783		
DRIFT RATE PER AN HOUR												0.001	

GRAVITY VALUE (CORRECTED TIDAL EFFECTS, INSTRUMENT HEIGHT AND DRIFT)												PAGES 52	
LACOSTE 342												STATION DATA FOR SICES	
Y. M. D.	NO.	TIME	READING INST. A	A FACT.	FIGURE	INST. COR.	S. COR.	DRIFT COR.	GRAV. DIFF.	GRAV. VAL.			
57	8	5	0 11 17	1255.515	28	137.541	0.111	0.000	1376.656	0.0	0.0	077.65783	
417	1062	7 9 45	1257.718	28	137.541	0.111	0.000	1376.656	0.0	0.0	077.65783		
418	1067	7 10 4	1247.465	28	137.541	0.111	0.000	1376.656	0.0	0.0	077.65783		
419	1071	7 10 33	1257.816	28	137.541	0.111	0.000	1376.656	0.0	0.0	077.65783		
420	1076	7 11 30	1257.816	28	137.541	0.111	0.000	1376.656	0.0	0.0	077.65783		
421	1081	7 12 18	1247.348	28	137.541	0.111	0.000	1376.656	0.0	0.0	077.65783		
422	1086	7 12 56	1247.348	28	137.541	0.111	0.000	1376.656	0.0	0.0	077.65783		
423	1091	7 13 5	1257.816	28	137.541	0.111	0.000	1376.656	0.0	0.0	077.65783		
DRIFT RATE PER AN HOUR												-0.001	

GRAVITY VALUE (CORRECTED TIDAL EFFECTS, INSTRUMENT HEIGHT AND DRIFT)												PAGES 53	
LACOSTE 342												STATION DATA FOR SICES	
Y. M. D.	NO.	TIME	READING INST. A	A FACT.	FIGURE	INST. COR.	S. COR.	DRIFT COR.	GRAV. DIFF.	GRAV. VAL.			
57	8	5	0 11 17	1255.515	28	137.541	0.111	0.000	1376.656	0.0	0.0	077.65783	
424	1096	8 11 10	1247.637	28	137.541	0.111	0.000	1376.656	0.0	0.0	077.65783		
425	1101	8 11 57	1247.738	28	137.541	0.111	0.000	1376.656	0.0	0.0	077.65783		
426	1106	8 12 19	1247.744	28	137.541	0.111	0.000	1376.656	0.0	0.0	077.65783		
427	1111	8 13 24	1247.816	28	137.541	0.111	0.000	1376.656	0.0	0.0	077.65783		
DRIFT RATE PER AN HOUR												0.003	

GRAVITY VALUE (CORRECTED TIDAL EFFECTS, INSTRUMENT HEIGHT AND DRIFT)												PAGES 54	
LACOSTE 342												STATION DATA FOR SICES	
Y. M. D.	NO.	TIME	READING INST. A	A FACT.	FIGURE	INST. COR.	S. COR.	DRIFT COR.	GRAV. DIFF.	GRAV. VAL.			
57	8	5	0 11 17	1255.515	28	137.541	0.111	0.000	1376.656	0.0	0.0	077.65783	
428	1127	10 11 15	1247.311	28	137.541	0.111	0.000	1376.656	0.0	0.0	077.65783		
429	1132	10 11 45	1247.110	28	137.541	0.111	0.000	1376.656	0.0	0.0	077.65783		
430	1137	10 12 2	1247.816	28	137.541	0.111	0.000	1376.656	0.0	0.0	077.65783		
431	1142	10 12 47	1247.816	28	137.541	0.111	0.000	1376.656	0.0	0.0	077.65783		
432	1147	10 13 15	1247.311	28	137.541	0.111	0.000	1376.656	0.0	0.0	077.65783		
433	1152	10 13 23	1247.311	28	137.541	0.111	0.000	1376.656	0.0	0.0	077.65783		
434	1157	10 13 56	1247.816	28	137.541	0.111	0.000	1376.656	0.0	0.0	077.65783		
435	1162	10 14 57	1247.816	28	137.541	0.111	0.000	1376.656	0.0	0.0	077.65783		
DRIFT RATE PER AN HOUR												0.001	

GRAVITY VALUE CORRECTED FOR TIDAL EFFECT, INSTRUMENT HEIGHT AND DRIFT												PESCO 60	
LACOSTE No		GEOMETRIC SURVEY OF BIRU I 17 7.05 9.10 STATION DATA FOR SICES											
Y	M	D	NO	TIME	READING	INST. H	K FACT.	ETICA	INST. COR.	K COR.	DRIFT COR.	GRAV. DIF.	GRAV. VAL.
52	8	17	0	0 00	1738.776	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1126	17	3	23	1738.855	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1127	17	6	53	1738.934	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1128	17	9	23	1739.013	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1129	17	12	53	1739.092	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1130	17	15	23	1739.171	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1131	17	18	53	1739.250	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1132	17	21	23	1739.329	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1133	17	24	53	1739.408	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1134	17	27	23	1739.487	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1135	17	30	53	1739.566	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1136	17	33	23	1739.645	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1137	17	36	53	1739.724	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1138	17	39	23	1739.803	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1139	17	42	53	1739.882	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1140	17	45	23	1739.961	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1141	17	48	53	1740.040	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1142	17	51	23	1740.119	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1143	17	54	53	1740.198	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1144	17	57	23	1740.277	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1145	17	60	53	1740.356	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1146	17	63	23	1740.435	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1147	17	66	53	1740.514	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1148	17	69	23	1740.593	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1149	17	72	53	1740.672	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1150	17	75	23	1740.751	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1151	17	78	53	1740.830	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1152	17	81	23	1740.909	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1153	17	84	53	1740.988	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1154	17	87	23	1741.067	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1155	17	90	53	1741.146	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1156	17	93	23	1741.225	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1157	17	96	53	1741.304	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1158	17	99	23	1741.383	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1159	17	102	53	1741.462	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1160	17	105	23	1741.541	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1161	17	108	53	1741.620	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1162	17	111	23	1741.699	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1163	17	114	53	1741.778	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1164	17	117	23	1741.857	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1165	17	120	53	1741.936	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1166	17	123	23	1742.015	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1167	17	126	53	1742.094	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1168	17	129	23	1742.173	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1169	17	132	53	1742.252	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1170	17	135	23	1742.331	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1171	17	138	53	1742.410	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1172	17	141	23	1742.489	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1173	17	144	53	1742.568	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1174	17	147	23	1742.647	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1175	17	150	53	1742.726	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1176	17	153	23	1742.805	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1177	17	156	53	1742.884	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1178	17	159	23	1742.963	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1179	17	162	53	1743.042	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1180	17	165	23	1743.121	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1181	17	168	53	1743.200	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1182	17	171	23	1743.279	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1183	17	174	53	1743.358	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1184	17	177	23	1743.437	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1185	17	180	53	1743.516	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1186	17	183	23	1743.595	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1187	17	186	53	1743.674	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1188	17	189	23	1743.753	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1189	17	192	53	1743.832	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1190	17	195	23	1743.911	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1191	17	198	53	1743.990	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1192	17	201	23	1744.069	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1193	17	204	53	1744.148	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1194	17	207	23	1744.227	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1195	17	210	53	1744.306	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1196	17	213	23	1744.385	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1197	17	216	53	1744.464	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1198	17	219	23	1744.543	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1199	17	222	53	1744.622	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1200	17	225	23	1744.701	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1201	17	228	53	1744.780	27.	136.551	0.000	0.000	1378.874	0.0	0.000	977.60000
55	1202	17	231	23	1744.859	27.	136.551	0.000	0.000	1378.874	0.0	0.000	

A. II - 2.
Topographical correction

A. II - 3.
Altitude correction
and
latitude correction

PARAMETRIC SURVEY IN FEB 1 1978-517 STATION DATA FOR SUGDA

Table with 12 columns: STATION NO., LATITUDE, LONGITUDE, ALTITUDE, P1, P2, P3, P4, P5, P6, P7. Rows 101-150.

PARAMETRIC SURVEY IN FEB 1 1978-517 STATION DATA FOR SUGDA

Table with 12 columns: STATION NO., LATITUDE, LONGITUDE, ALTITUDE, P1, P2, P3, P4, P5, P6, P7. Rows 151-200.

TRAVINETIC SURVEY IN REPT 1 BY J.S. GILG STATION DATA FOR STG00

Table with columns: STATION NO., LATITUDE, LONGITUDE, ALTITUDE, G.W. S.W., 2.00, 2.00, 2.00, 2.00, 2.00, 2.00. Rows 201-250.

TRAVINETIC SURVEY IN REPT 1 BY J.S. GILG STATION DATA FOR STG00

Table with columns: STATION NO., LATITUDE, LONGITUDE, ALTITUDE, G.W. S.W., 2.00, 2.00, 2.00, 2.00, 2.00, 2.00. Rows 251-300.

APPENDICES

PART III

Diamond Drilling

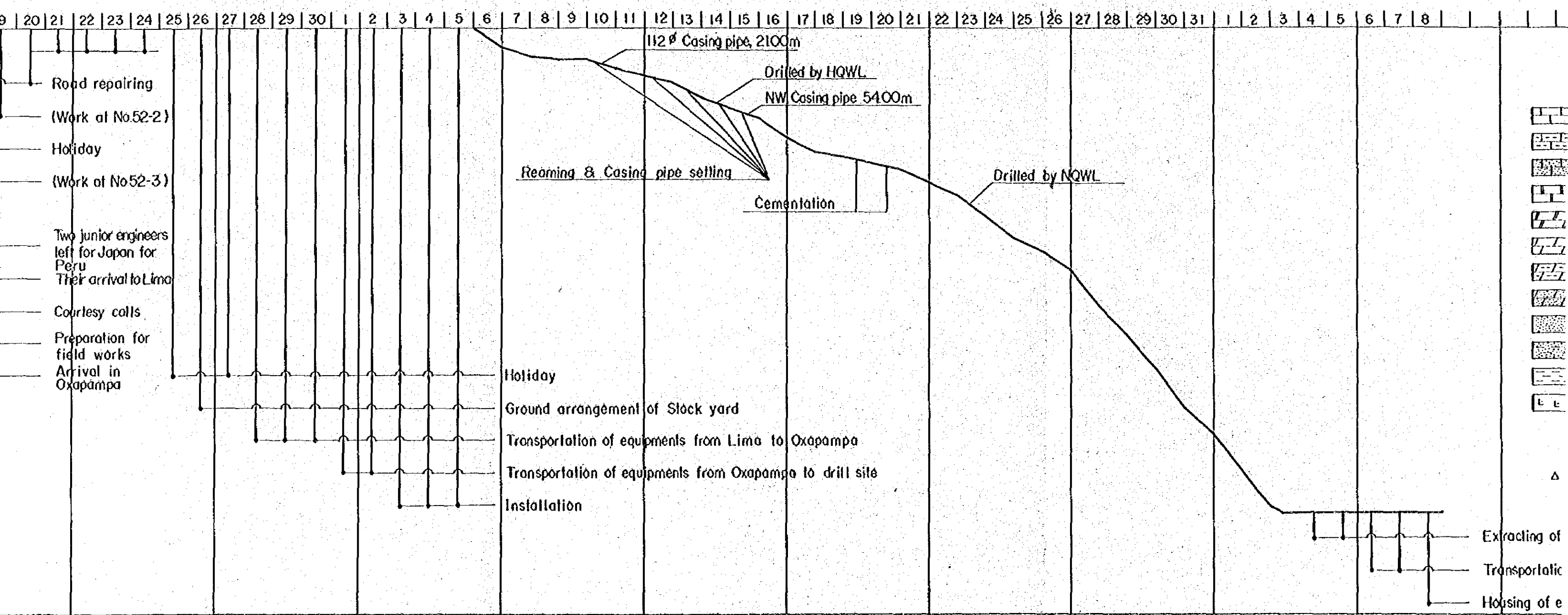
LIST OF APPENDICES

- A. III-1. Summary record of drilling results (No. 52-1)
- A. III-2. Summary record of drilling results (No. 52-2)
- A. III-3. Summary record of drilling results (No. 52-3)
- A. III-4. Summary record of drilling results (No. 52-4)
- A. III-5. List of rock samples (Boring core)
- A. III-6. Microscopic observation of the thin sections
- A. III-7. Microscopic observation of the polished sections
- A. III-8. Fossils under microscopic observation
- A. III-9. Photomicrographs of rocks and fossils
- A. III-10. Chart of X-ray diffraction test
- A. III-11. Results of X-ray diffraction test
- A. III-12. Chemical analysis of boring core.
- A. III-13. Photomicrographs of polished sections

Process

October

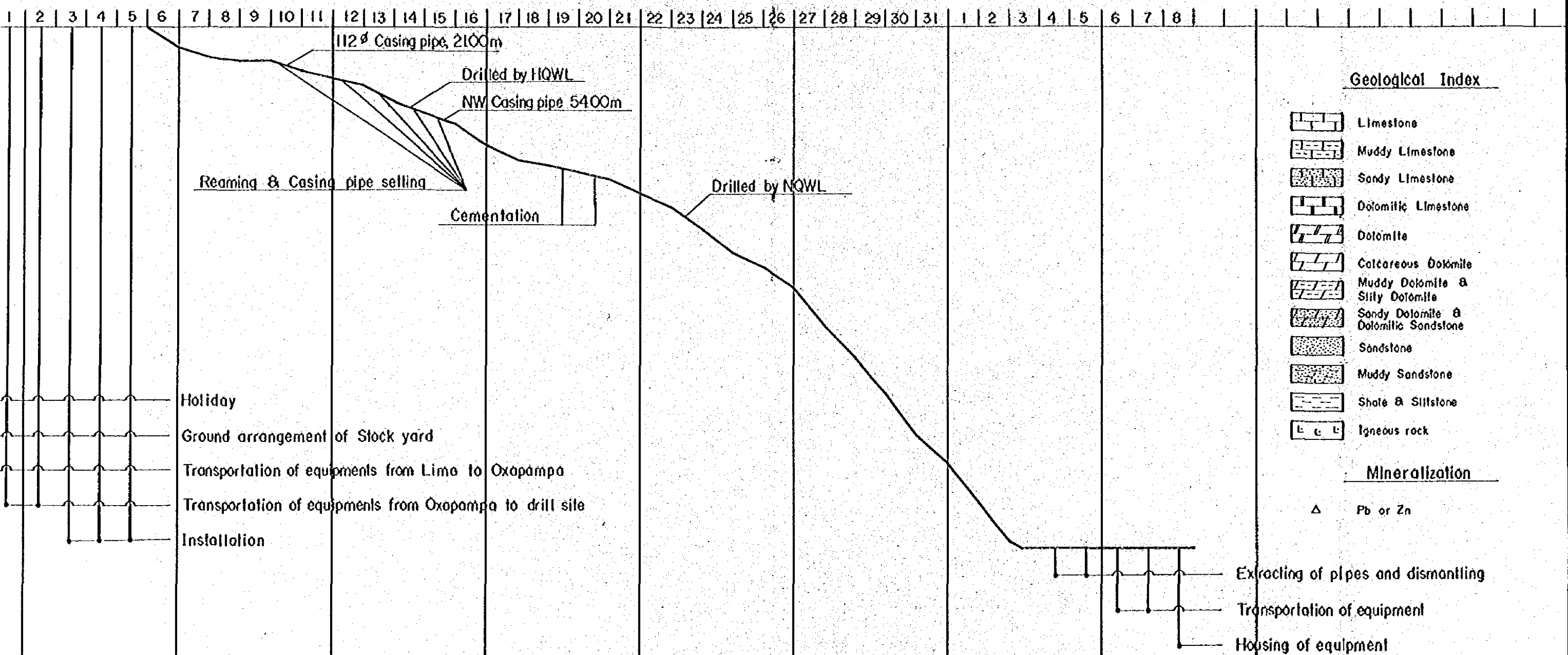
November



Process

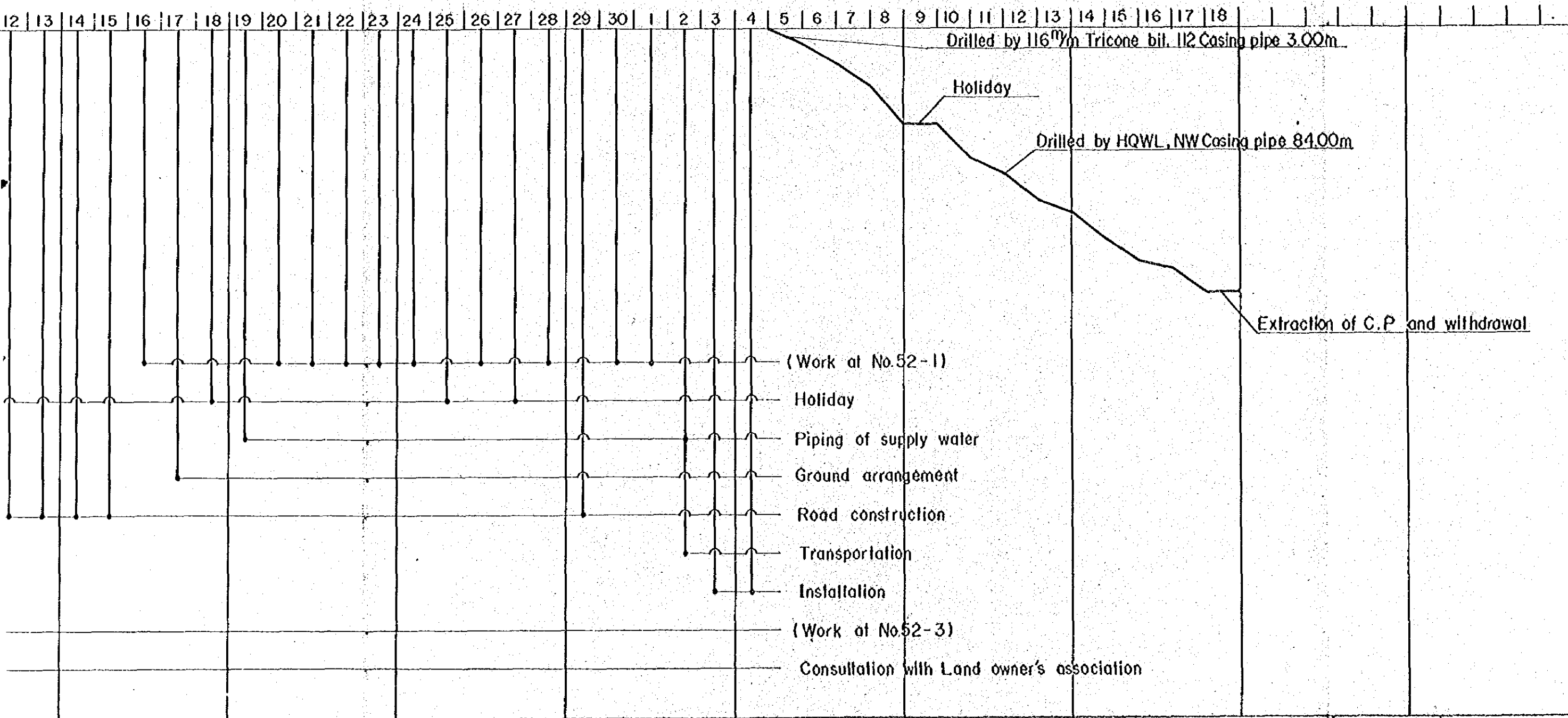
October

November

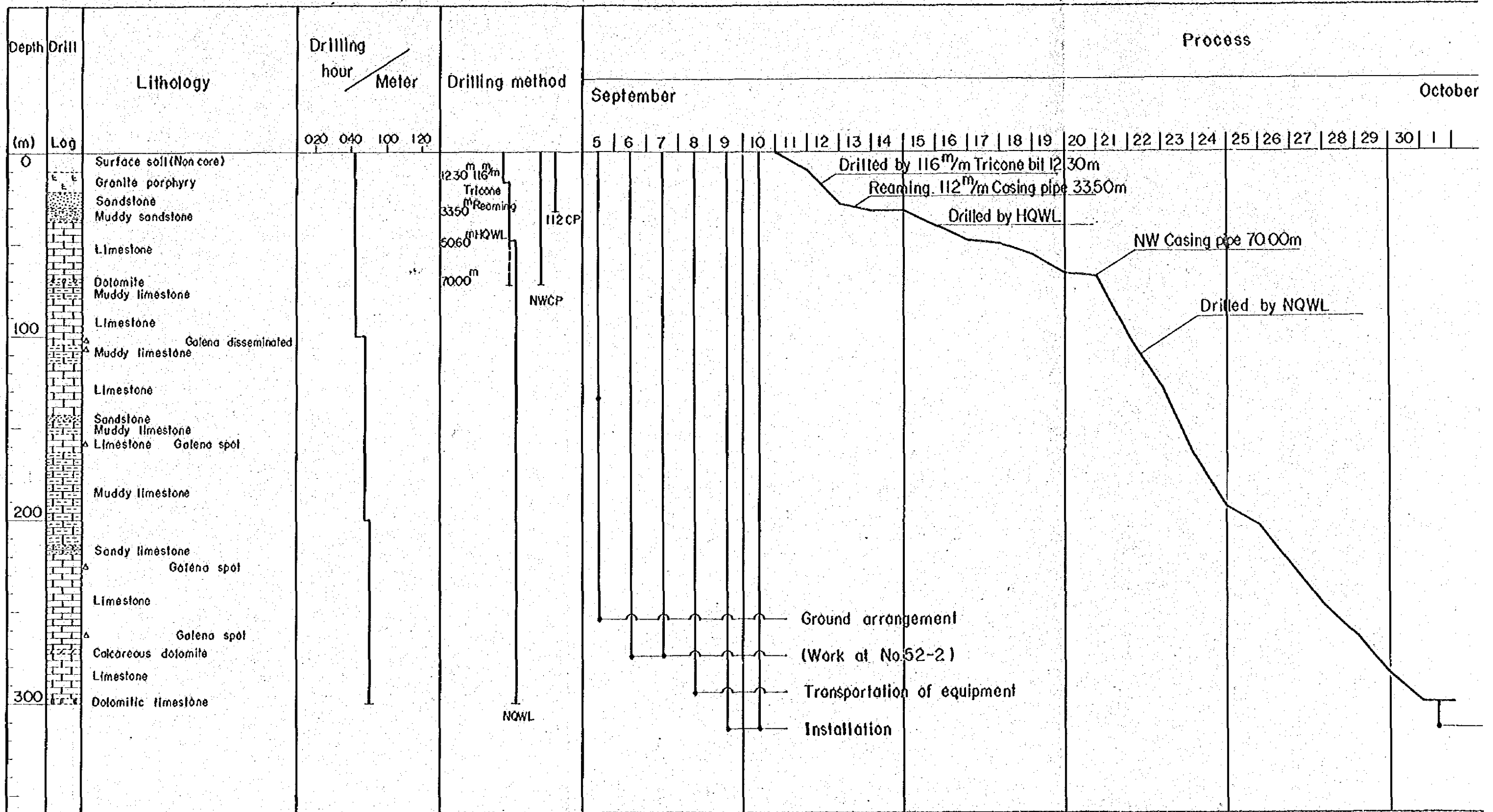


Process

October



A. III - 3 Drilling progress No. 52-3



A. III-5. LIST OF ROCK SAMPLES (Boring Core)

NO. 52-1

Sample NO.	Location	Thin Section	Polished Section	Chemical Analysis	X-ray Analysis	Remarks
	Depth (m)					
52101	15.00			o		Silicified dolomite
52102	30.00			o		Silicified dolomite
52103	45.00			o		Silicified limestone
52104	60.00			o		Silicified dolomite
52105	75.00			o		Silicified dolomite
52106	90.00			o		Black fine dolomite
52107	105.00		o	o		Grey fine dolomite
52108	110.00		o	o		Grey calcareous dolomite
52109	115.00		o	o		Grey calcareous dolomite
52110	120.00		o	o		Grey calcareous dolomite
52111	125.00		o	o		Grey calcareous dolomite
52112	130.00		o	o		Grey calcareous dolomite
52113	135.00		o	o		Grey calcareous dolomite
52114	140.00		o	o		Grey calcareous dolomite
52115	145.00		o	o		Grey calcareous dolomite
52116	150.00		o	o		Grey calcareous dolomite
52117	155.00		o	o		Grey calcareous dolomite
52118	160.00		o	o		Grey calcareous dolomite
52119	150.90		o	o		Black meddy dolomite (fossil)
52120	165.00			o		Black calcareous dolomite
52121	180.00			o		Grey dolomitic sandstone
52122	195.00			o		Grey shale
52123	210.00	o		o		Grey sandy limestone (fossil)
52124	225.00	o		o		Grey sandy limestone (fossil)
52125	240.00			o		Dark grey calcareous siltstone
52126	255.00			o		Grey calcareous siltstone
52127	270.00			o		Grey calcareous sandstone
52128	285.00			o		Grey fine sandstone
52129	300.00			o		Grey sandy siltstone

NO. 52-2

Sample NO.	Location Depth (m)	Thin Section	Polished Section	Chemical Analysis	X-ray Analysis	Remarks
52201	40.00			o		Volcanic Conglomerate
52202	80.00	o		o		Volcanic Conglomerate
52203	120.00			o		Volcanic Conglomerate
52204	140.00	o				Volcanic Conglomerate
52205	160.00			o		Argillized Conglomerate

NO. 52-3

Sample NO	Location		Thin Section	Polished Section	Chemical Analysis	X-ray Analysis	Remarks
	Depth (m)						
52301	15.00				o		Quartz Perphyry
52302	30.00				o		Weathered sandstone
52303	45.00				o		Dark gray limestone
52304	60.00				o		Dark gray limestone
52305	75.00				o		Dark gray limestone
52306	90.00				o		Gray limestone
52321	96.50	58300	56500	59500	55500	o	Gray limestone
52322					56500		Gray limestone
52323					57500		Gray limestone
52323					58300		Gray limestone
52307	115.00				o		Gray limestone
52308	120.00				o		Dark gray limestone
52309	135.00				o		Dark gray limestone
52310	150.00				o		Dark gray limestone
52311	165.00				o		Gray limestone
52312	180.00		o	o	o		Black limestone
52313	195.00				o		Dark gray limestone
52314	210.00				o		Dark gray limestone
52315	225.00				o		Gray limestone
52316	240.00				o		Bluish gray limestone
52317	255.00				o		Gray limestone
52318	270.00				o		Gray limestone
52319	285.00				o		Gray limestone
52320	300.00				o		Gray dolomitic limestone

NO. 52 - 4

Sample NO	Location		Thin Section	Polished Section	Chemical Analysis	X-ray Analysis	Remarks
	Depth (m)						
52401	15.00		o		o		Gray limestone (fossil)
52402	30.00				o		Dark gray limestone
52403	45.00				o		Argillized limestone
52404	60.00				o		Bracclated limestone
52415	65.50		o				Dark gray limestone (fossil)
52405	75.00				o		Gray limestone
52406	90.00				o		Dark gray limestone
52407	105.00				o		Dark gray limestone
52408	120.00			o	o		Dark gray limestone
52409	135.00				o		Dark gray limestone
52410	150.00				o		Gray limestone
52414	154.50		o				Gray limestone (fossil)
52411	165.00				o		Dark gray limestone
52412	180.00				o		Dark gray limestone
52413	195.00				o		Dark gray limestone

A. III - 6. Microscopic observation of the thin sections

Sample No.	Location		Formation	Rock Name	Microscopic Observation
	Hole No.	Depth (m)			
52111	52-1	125.35	Pucara Group	Silicified dolomite	Rock composed of fine to coarse anhedral mosaic of dolomite and about 50% of very fine microcrystalline quartz. Microcrystalline quartz impregnates sporadically and irregularly in mosaic of dolomite. Original rock may be silicified limestone and then calcite is replaced perfectly by dolomite.
52113	52-1	127.35	Pucara Group	Tuffaceous shale	Rock shows granular with weak bedded structure. Constituent minerals are recrystallized quartz (very small grain), sericite (very small, fine, and mixed with clay minerals) and hydrous iron ore.
52115	52-1	129.35	Pucara Group	Dolomitized limestone	Original rock may be a fossiliferous limestone composed largely of echinoids debris. Fossil fragments completely recrystallized to coarse anhedral mosaic of calcite, and the matrix replaced by fine grained anhedral mosaic of dolomite by dolomitization.
52123	52-1	210.00	Pucara Group	Recrystallized muddy limestone	Rock consists mainly of rather coarsely recrystallized anhedral mosaic of calcite and muddy materials with silt sized angular detrital quartz. A few shell fragments replaced by very coarse anhedral mosaic of calcite, but can not be identified.
52124	52-1	225.00	Pucara Group	Calcareous fine sandstone	Fine to very fine angular grains of detrital quartz and feldspar cemented by rather coarsely recrystallized anhedral mosaic of calcite and clayey materials. Very coarsely recrystallized shell fragments, small spherical carbonaceous matter and spore are scattered in matrix, but can not be distinguishable.
52202	52-2	80.00	Miru Group	Rhyolitic tuff	Main constituent minerals quartz (β -type, subhedral or anhedral, 1.95 x 1.82-0.40 x 0.32 mm), alkali-feldspar (subhedral, 2.70 x 2.18-0.50 x 0.30 mm, perthite), plagioclase (subhedral or anhedral, less than 0.82 x 0.52 mm, perfectly decomposed; fine mixture of clay minerals and sericite, or changed to calcite) and small quantity of iron ore. Matrix consists of rhyolitic ash and gray colored.

Sample No.	Location		Formation	Rock Name	Microscopic Observation
	Hole No.	Depth (m)			
52204	52-2	140.00	Mitu Group	Rhyolitic tuff	Main constituent minerals quartz (anhedral, 1.86 x 0.50mm - 0.04 x 0.10 mm), plagioclase (subhedral or subbedral, 0.98 x 0.74 mm - 0.40 x 0.15 mm, no zoning, tiny albite twinning, An ₂₄₋₃₅ , weakly kaolinized and sericitized), alkali-feldspar (subhedral - anhedral, some of perthite, 1.87 x 0.58-0.50 x 0.18-mm) and iron ore (small quantity, small irregular mass). Calcite (anhedral mass or vein, 2.74 x 2.05-0.20 x 0.15 mm) occurs as secondary mineral. Matrix pale gray, and consists of rhyolitic ash and weakly silicified.
52223	52-3	97.90	Pucara Group	Dolomite	Rock consists wholly of very fine to coarse anhedral mosaic of dolomite. Variation of grain size of mosaic may be originated by micritic matrix and coarse fragments of fossils.
52212	52-3	180.00	Pucara Group	Weakly dolomitized fossiliferous limestone	Fossil fragments consists mainly of echinoids recrystallized to coarse anhedral mosaic of calcite. Original matrix may be micritic limestone with fine grained angular detrital quartz and feldspar. Matrix changes to fine grained anhedral or subbedral mosaic of dolomite by dolomitization.

A. III - 7. Microscopic observation of the polished sections

Sample No.	Location		Rock Name	Microscopic Observations
	Role No.	Depth (m)		
52108	52-1	115.90	Silty dolomite	The specimen is fine grained calcareous dolomite with many calcite veinlets. Under the ore microscope, many euhedral pyrite grains, 50 to 60 microns in size and aggregates of botryoidal-like grains of 5 to 10 microns are observed. A few fine grains of sphalerite, less than 50 micron in size are recognized among calcite grains.
52109	52-1	116.55	Calcareous dolomite	The specimen is grey dolomite, with many quartz veins, in which are recognized sphalerite with pale brown to yellowish brown in color. Microscopically, sphalerite shows euhedral or subeuhedral crystal form and more than 1mm in size. Many pyrite grain, mostly euhedral crystal form and about 20-30 microns in size, are found around the sphalerite. Among the calcareous dolomite grains, two forms of pyrite are observed; one is a euhedral crystal, 20 to 30 microns in size; the other is a rounded crystal, a few microns in size.
52110	52-1	124.35	Silty dolomite	The specimen is light grey colored dolomite with quartz veins. Under the microscope it is observed that the specimen consists of the fine grains of dolomite (50-60 microns) with many grain of pyrite just as same as before mentioned manner of sample 52109. very few grains of sphalerite, euhedral crystal form and 30-50 microns in size, are found among the dolomite grains. In the quartz vein, sphalerite are observed to be 0.5mm in size, and galena, 1mm in size, are replaced partly by cerussite.
52112	52-1	126.35	Silty dolomite	The specimen is grey dolomite with quartz veins. Megascopically sphalerite grains of 1 to 2 mm in size, are observed. This sphalerite shows euhedral crystal form and accompanies many pyrite as same as sample No. 52109. Among the dolomite crystals many pyrite grains are likely as sample No.52109. A few sphalerite are also recognized.
52114	52-1	128.35	Silty dolomite	The specimen is dolomite with dark grey color. Pyrite is main opaque mineral in two crystal forms as same as sample No.52109. A few grains of sphalerite formed euhedral crystal 10 microns in size are found between the gangue dolomite.
52116	52-1	130.35	Silty dolomite	The specimen is dark gray dolomite containing many fossils' remains. Under the microscope, many subeuhedral crystals of galena and sphalerite are observed in and/or around dolomitized fossils. Size of crystals (galena, sphalerite) is about 1mm. In the gangue dolomite, pyrite grains are observed with two crystal forms of sample No.52109. But no sphalerite is observed among the gangue dolomite in this specimen.

Sample No.	Location		Rock Name	Microscopic Observations
	Hole No.	Depth (m)		
52118	52-1	140.70	Silicified dolomite	The specimen is dark grey dolomite. Under the microscope, dolomite is composed of nearly equigranular crystals of 50 to 60 microns in diameter. Pyrite grains, mostly euhedral crystal form and 5 to 20 microns in size are found. Several grains of sphalerite, about 10 microns in size are also observed.
52119	52-1	150.90	Muddy dolomite	The specimen shows brownish grey in color. Microscopically many pyrite grains are observed. Only few grains of sphalerite with anhedral crystal form and 30 to 50 microns in size are found in the gangue dolomite.
52112	52-3	180.00	Limestone	The specimen is limestone with dark grey color on polished surface. Under the ore microscope, many grains of shalerite and pyrite are found among the calcite grains. Although a few grains of sphalerite (30-50 microns in size) are recognized as euhedral crystal form in the large grains of calcite that is thought to be recrystallized, they are observed mostly anhedral, 10-20 microns in size among the no recrystallized calcite grains. Pyrite occur as various sizes and crystal forms as same as above-mentioned manners.
52121	52-3	96.50	Limestone	The specimen is grey limestone. Galena is main ore mineral in this specimen. Microscopically it shows subhedral crystal form and is replaced by irregular shaped cerussite. A few pyrite are observed.
52122	52-3	97.50	Fine grained limestone	The specimen shows dark grey in color. Under the microscope, pyrite grains are abundantly observed with euhedral crystal form in shape and several microns in size. And very few grains of sphalerite are also observed.
52408	52-4	120.00	Limestone	The specimen is grey colored limestone. Under the microscope, sphalerite and pyrite are observed. Their occurrence is very similar to that of sample 52312.
52107	52-1	105.00	Silty dolomite	The specimen is megascopically very fine grained dolomite composed of grey part and dark grey one. Under the microscope, in the grey part, very few pyrite and sphalerite grains, 30-40 microns in size, are observed but, no sphalerite is found.

A. III - 8. Fossils under microscopic observation

Sample No.	Location		Formation	Rock Name	Fossils	Microscopic Observation
	Hole No.	Depth(m)				
52117	52-1	131.05	Pucara Group	Siliceous shale	Bivalves gen. and sp. indet.	Rock consists mainly of siliceous shale with fragmental shells of bivalves. Shell materials nearly perfectly replaced by anhedral quartz with silicification. Form and surface ornamentations of valves can not be observed.
52401	52-4	15.00	Pucara Group	Fossiliferous pelmicrite	Echinoids and Bivalves gen. and sp. indet.	Coarsely recrystallized shell fragments of echinoids and bivalves, and also echinoid spines cemented by microcrystalline calcite matrix. Irregular sized pellets scattered in micritic matrix. Fossil remains distinguishable only in crossed section.
52414	52-4	154.5	Pucara Group	Fossiliferous pelmicrite	Echinoids and Bivalves gen. and sp. indet.	Nearly same rock as Sample No. 52401, but more abundant of echinoids fragments and finer pellets.
52415	52-4	65.5	Pucara Group	Fossiliferous pelmicrite	Bivalves gen. and sp. indet.	More or less fragmental shells of bivalve cemented by microcrystalline calcite with very fine pellets. Shell materials are replaced by coarsely recrystallized anhedral mosaic of calcite, that is distinguishable only in crossed section. Bivalve seems to be Veneroids but can not be determined.

A. III - 9. Photomicrographs of rocks and fossils

Thin section

Sample No.	Location		Formation	Rock Name
	Hole No.	Depth (m)		
52111	52-1	125.35	Pucara Group	Silicified dolomite
52113	52-1	127.35	Pucara Group	Tuffaceous shale
52117	52-1	131.05	Pucara Group	Siliceous shale
52123	52-1	210.00	Pucara Group	Recrystallized muddy limestone
52124	52-1	225.00	Pucara Group	Calcareous fine sandstone
52312	52-3	180.00	Pucara Group	Weakly dolomitized fossiliferous limestone
52401	52-4	15.00	Pucara Group	Fossiliferous pelmicrite
52414	52-4	65.50	Pucara Group	Fossiliferous pelmicrite
52415	52-4	154.50	Pucara Group	Fossiliferous pelmicrite

Explanation of Plate 1

Fig. 1. 52111 Silicified dolomite.

Anhedral mosaic of dolomite (clouded) and irregularly impregnated microcrystalline quartz (clear), $\times 32$.

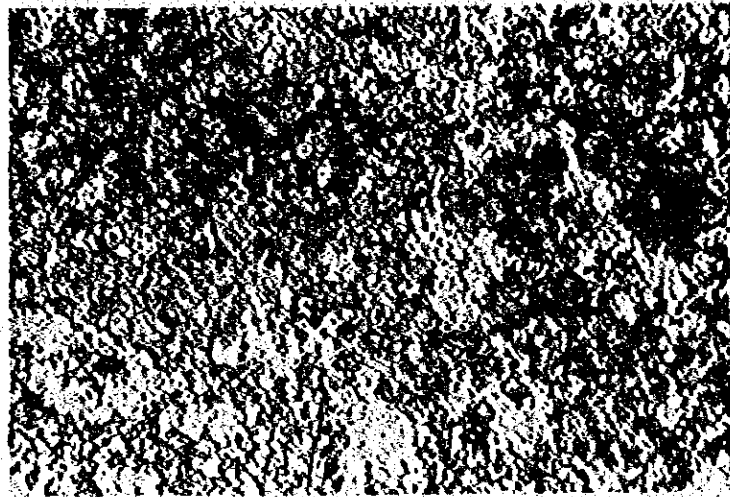
Fig. 2. 52113 Tuffaceous shale.

Recrystallized quartz (clear) sericite and hydrous iron ore (black and gray) showing weak banded structure, $\times 32$.

Fig. 3. 52312 Weakly dolomitized fossiliferous limestone.

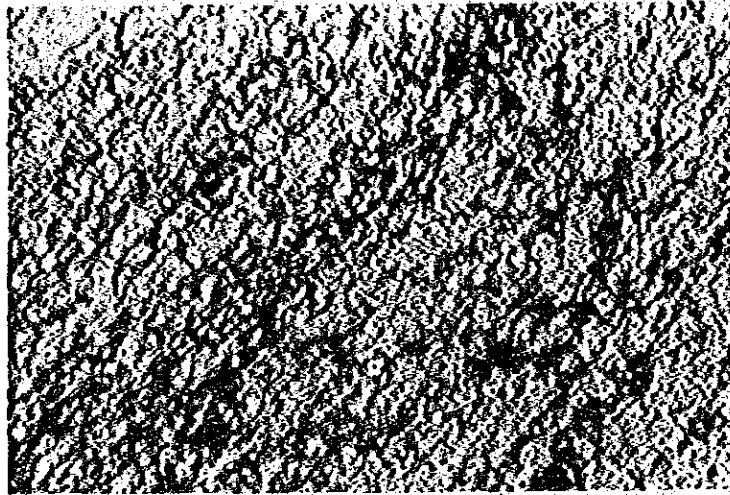
Coarsely recrystallized fossil fragments (clear, mostly echinoid shell and spine) cemented by weakly dolomitized micritic matrix (dark), $\times 32$.

1 - 1



1 mm

1 - 2



1 mm

1 - 3



1 mm

Explanation of Plate 2

Fig. 1. 52117. Bivalve gen. and sp. indet.

Strongly silicified shell (clear) of bivalve observed only in cross section, $\times 32$.

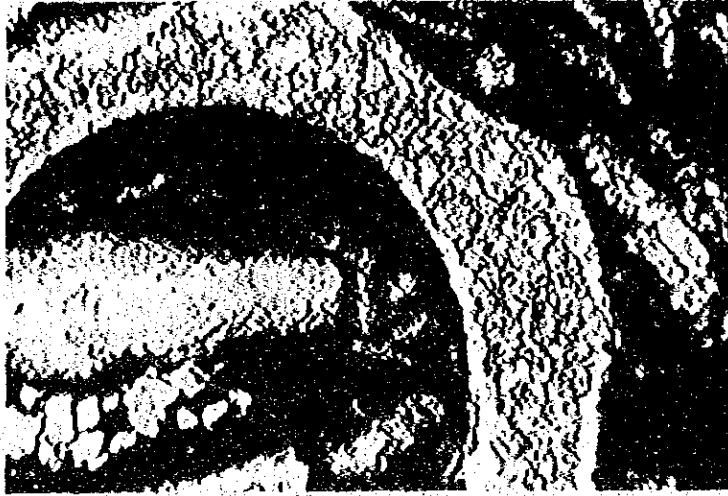
Fig. 2. 52123. Recrystallized muddy limestone.

Rather coarsely recrystallized anhedral mosaic of calcite and muddy matrix, with a few fragments of echinoid (clear, circular), $\times 32$.

Fig. 3. 52124. Calcareous fine sandstone with shell fragments and spore.

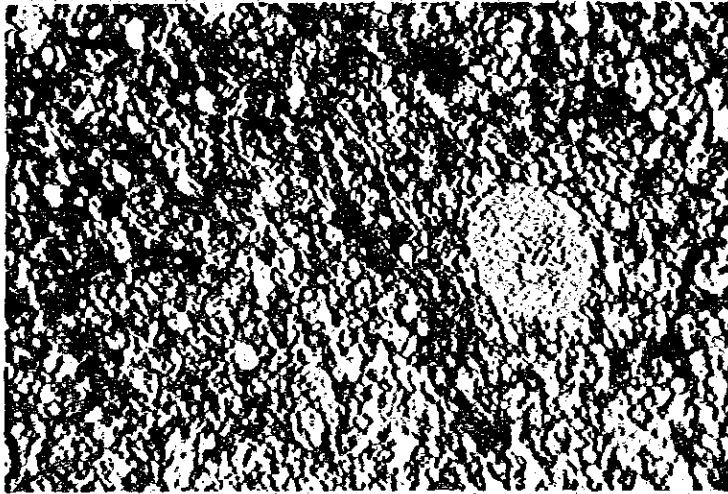
Fine to silt sized angular detrital quartz (clear), very coarsely recrystallized shell fragments (dusty gray), coarsely recrystallized calcite cements and spherical carbonaceous matter (black) cemented by clayey matrix, $\times 32$.

2 - 1



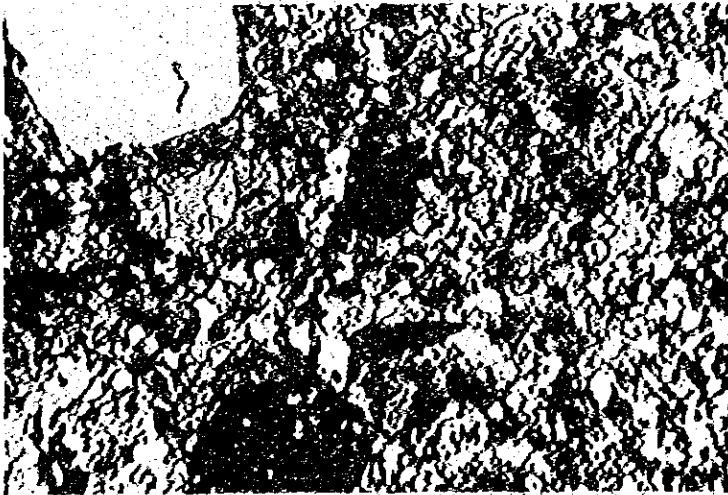
1 mm

2 - 2



1 mm

2 - 3



1 mm

Explanation of Plate 3

Fig. 1. 52401 Fossiliferous pelmicrite.

Very coarsely recrystallized shell fragments of echinoid (clear) and echinoid spine (circular) cemented by micritic calcite, $\times 32$.

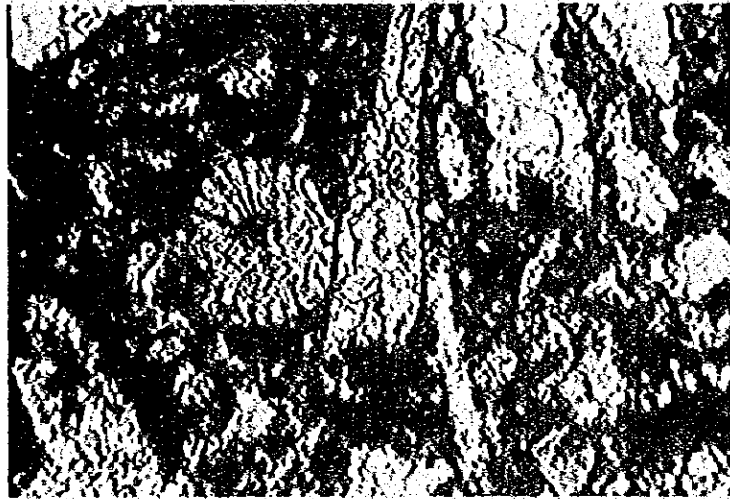
Fig. 2. 52414 Fossiliferous pelmicrite.

Very coarsely recrystallized shell fragments of echinoid (clear) cemented by micritic calcite, $\times 32$.

Fig. 3. 52415 Bivalve gen, and sp. indet.

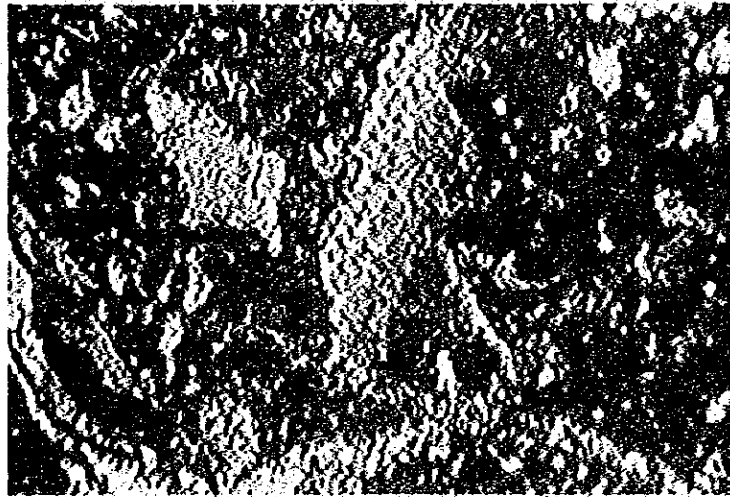
Coarsely recrystallized shell, seems to be Veneroida, cemented by microcrystalline calcite with very fine pellets, $\times 32$.

3 - 1



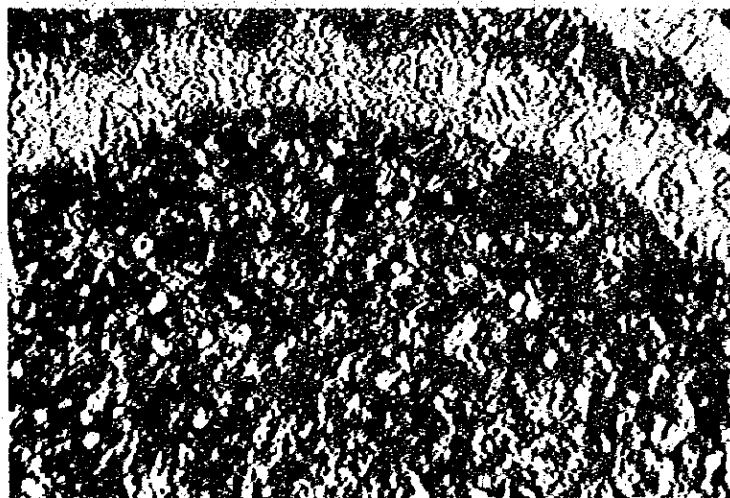
1 mm

3 - 2



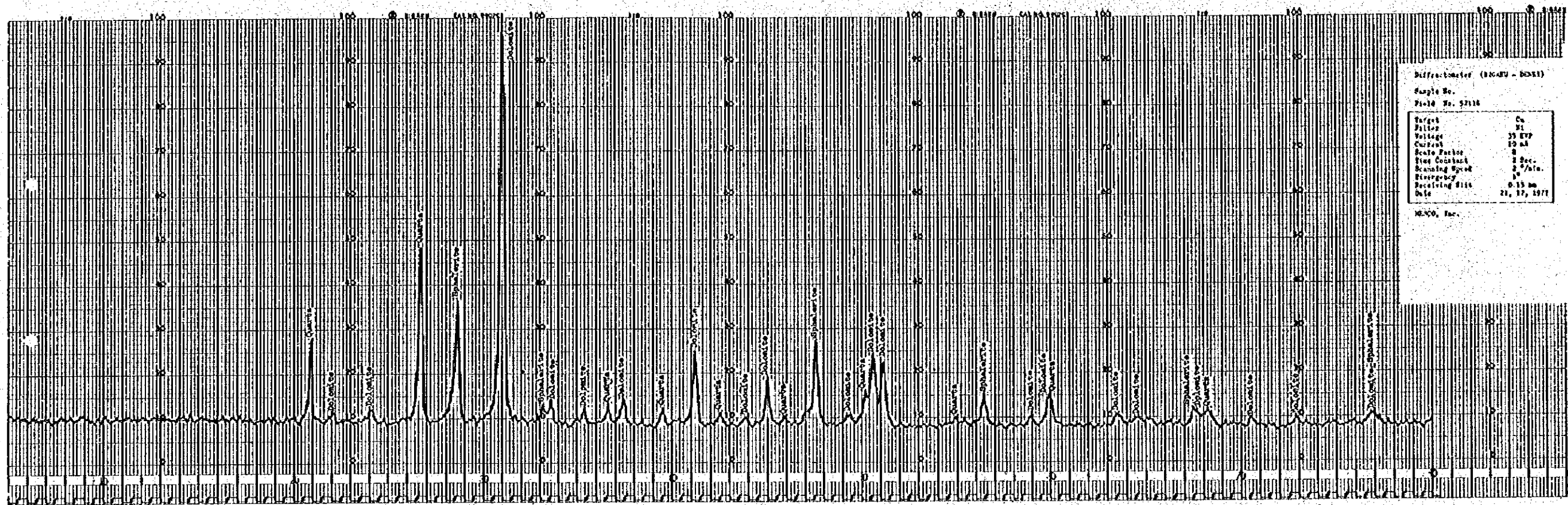
1 mm

3 - 3



1 mm

A. III - 10. Chart of X-ray diffraction test



A. III - 11. Results of X-ray diffraction test

- Very abundant
- Abundant
- Common
- Rare
- Very rare

A. III - 12. Chemical analysis of boring core

HOLE NUMBER NO. 52-1

Sample No.	Depth (m)	Assay				
		Cu(ppm)	Pb(ppm)	Zn(ppm)	Mg (%)	S (%)
52101	14.00 ~ 15.00	250	400	490	7.70	0.051
52102	29.00 ~ 30.00	340	80	450	10.30	0.051
52103	44.00 ~ 45.00	4,400	200	300	2.00	0.220
52104	59.00 ~ 60.00	210	120	240	7.20	0.056
52105	74.00 ~ 75.00	3,700	240	590	6.50	0.380
52106	89.00 ~ 90.00	1,700	280	80	9.90	0.470
52107	104.00~105.00	120	60	190	10.50	0.200
52108	115.25~115.90	30	100	200	7.60	0.190
52109	115.90~116.55	20	2,200	9,000	10.80	0.980
52110	123.35~124.35	30	6,200	6,000	9.20	0.720
52111	124.35~125.35	35	2,700	2,800	8.20	0.620
52112	125.35~126.35	60	1,900	2,200	8.80	0.910
52113	126.35~127.35	55	150	11,000	2.80	3.040
52114	127.35~128.35	35	100	700	6.60	1.440
52115	128.35~129.35	10	60	300	10.00	0.410
52116	129.35~130.35	85	880	49,000	7.60	2.950
52117	130.35~131.05	55	8,700	14,000	9.00	1.400
52118	139.80~140.70	20	110	700	7.20	2.380
52119	150.70~150.90	180	70	40	8.60	0.940
52120	164.00~165.00	260	80	70	7.20	1.200
52121	179.00~180.00	740	60	60	11.50	0.330
52122	194.00~195.00	630	50	40	2.30	0.820
52123	209.00~210.00	1,500	60	40	7.20	0.580
52124	224.00~225.00	1,100	150	90	5.50	0.710
52125	239.00~240.00	430	150	40	2.20	1.800

Sample No.	Depth (m)	Assay				
		Cu(ppm)	Pb(ppm)	Zn(ppm)	Mg (%)	S (%)
52126	254.00~255.00	400	60	80	3.10	1.000
52127	269.00~270.00	470	90	80	6.90	0.640
52128	284.00~285.00	330	60	70	5.70	0.480
52129	299.00~300.00	1,100	120	90	4.10	0.660
HOLE NUMBER No.52-2						
52201	39.80~40.00	150	20	30	0.37	0.059
52202	79.80~80.00	770	30	50	0.36	0.530
52203	119.80~120.00	160	20	30	0.13	1.100
52205	159.80~160.00	140	20	30	0.20	0.680
HOLE NUMBER No.52-3						
52301	14.80~15.00	210	20	40	0.09	0.044
52302	29.80~30.00	270	100	220	0.10	0.041
52303	44.80~45.00	220	120	320	0.05	0.041
52304	59.80~60.00	360	80	650	1.60	0.060
52305	74.80~75.00	780	1,100	1,200	3.10	0.140
52306	89.80~90.00	120	390	80	0.21	0.034
52307	104.80~105.00	770	1,300	300	1.20	0.140
52308	119.80~120.00	2,100	210	100	0.60	0.430
52309	134.80~135.00	2,400	620	300	0.86	0.370
52310	149.80~150.00	340	1,000	2,000	5.10	0.600
52311	164.80~165.00	440	130	1,900	0.42	0.520
52312	179.80~180.00	630	80	1,400	0.33	0.490
52313	194.80~195.00	2,800	180	1,000	0.44	0.770
52314	209.80~210.00	270	80	3,600	0.42	0.800
52315	224.80~225.00	830	2,000	2,000	0.33	0.840

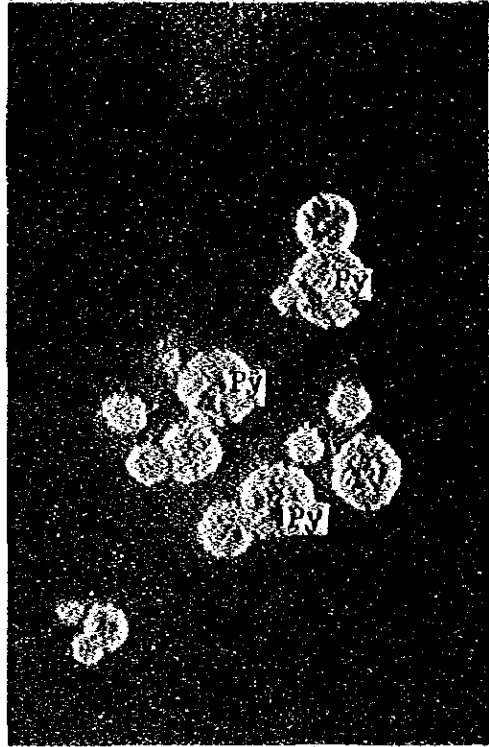
Sample No.	Depth (m)	Assay				
		Cu(ppm)	Pb(ppm)	Zn(ppm)	Mg (%)	S (%)
52316	239.80-240.00	520	4,200	70	2.80	0.390
52317	254.80-255.00	2,100	190	160	4.20	0.230
52318	269.80-270.00	750	580	180	5.50	0.150
52319	284.80-285.00	1,700	480	200	2.70	0.120
52320	299.80-300.00	280	270	200	0.14	0.069
52321	96.00-96.50	15	1,300	450	1.10	0.045
52322	97.00-97.50	14	1,190	650	1.90	0.030
52323	97.90-98.30	15	1,250	350	3.30	0.150
HOLE NUMBER No. 52-4						
52401	14.80-15.00	730	300	950	0.36	0.100
52402	29.80-30.00	180	120	360	0.39	0.021
52403	44.80-45.00	260	250	1,200	0.52	0.069
52404	59.80-60.00	360	140	230	0.22	0.036
52405	74.80-75.00	360	150	490	3.50	0.056
52406	89.80-90.00	2,200	200	190	0.62	0.140
52407	104.80-105.00	420	180	520	3.50	0.190
52408	119.80-120.00	210	610	1,200	2.20	0.049
52409	134.80-135.00	470	120	250	1.70	0.077
52410	149.80-150.00	100	140	230	1.20	0.063
52411	164.80-165.00	250	60	500	3.60	0.110
52412	179.80-180.00	400	100	190	0.37	0.034
52413	194.80-195.00	440	90	430	3.10	0.530

A. III - 13. Photomicrographs of polished sections

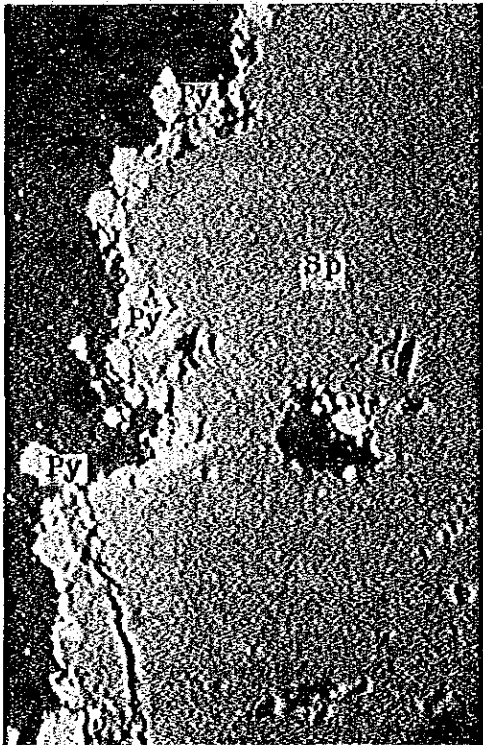
- A: (52312) Sp Sphalerite.
 Py Pyrite
- B: (52108) Py Pyrite
- C: (52109) Sp Sphalerite
 Py Pyrite
- D: (52116) Sp Sphalerite
 Gn Galena



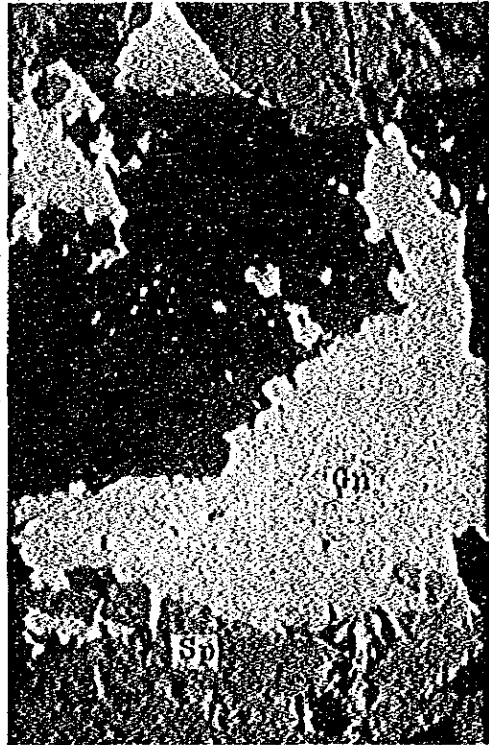
0 0.2mm



0 0.05mm



0 0.2mm



0 0.2mm