

NOTE

on 19 Aug, Base only
ran for $1\frac{1}{2}$ hrs. \therefore

base tape ignored, and
straight line morning to evening
correction made only.

841538
Huston
M-502

M502
1981 MAG

STA	F. Mag. Rdg.	Base-Corr ⁿ	Dior Corr ⁿ	Corrected Rdg
19 Aug BASE	56706 10:30		+37	56743
(27E) 2+50N	5 6645 12:25	-56000	+28 -12 +9	653 673
+75	640 33		-6 +14	654 668
3 N	753 40		-5 +15	768 781
+25	903 41		-5 +15	918 936
+50	906 44		+27 -6 +14	920 933
+65	794 47		" +14	808 821
+75	666 46		" +14	680 693
+85	540 50		+27 -7 +13	553 567
+95	765 54		" +13	778 792
4 N	924 53		" +13	937 951
+05	57095 57		" +13	1108 1122
+12	182 58		+26 " +13	1195 1208
+18	56960 59		+26 " +13	973 986
+25	904 1:00		+26 " +13	917 930
+31	903 1		" +13	916 929
+37	837 2		" +13	850 863
+43	722 3		+26 " +13	735 748
+50	866 6		+25 " +13	879 891
+62	807 10		+25 -6 +14	821 832
+75	784 11		+25 " +14	798 809
+87	767 13		" +14	781 792
5 N	944 14		" +14	958 969
+06	964 15		" +14	978 989
+12	962 16		+24 -7 +13	975 986
+25	912 18		+24 7 +13	915 936
+37	954 19		+24 8 +12	966 978
+50	802 21	-56,000	+24 8 +12	814 826

27E

5+75N	56 771 _{1:28}	-56,000	+24-10	+10	781 795
6 N	733 ₃₀		+24 "	+10	743 777
+25	726 ₃₆		+24 "	+10	736 750
(28E) 0 N	56 524 _{4:12}		+12-21	-1	523 536
+50	539 ₀₆		+12-20	0	539 551
+75	617 _{4:01}		+13-20	0	617 630
1 N	685 _{3:43}		+13-14	+6	691 698
+25	677 ₄₁		+13-14	+6	683 690
+50	740 ₃₈		+14-14	+6	746 754
+75	815 ₃₃		+14-15	+5	820 829
2 N	56 771 ₃₂		+14 "		776 785
+25	56 742 ₃₂		+15 "		747 757
+30	56 771 ₃₀		+15 "		776 786
+37	56 863 ₂₈		" "		868 778
+35	56 825 ₂₆		" "		830 830
+40	57 986 ₂₅		" "		991 1001
+45	56 923 ₂₂		" "		928 938
+46	57 942 ₂₁		" "		947 957
+48	57 916 ₂₀		+15 "		921 931
+51	57 506 ₁₈		+16 "		511 1522
+50	57 613 ₁₈		" "		618 1629
+53	57 257 ₁₆		" "		262 1273
+56	57 467 ₁₅		" "		472 1483
+62	57 018 ₁₄		" "		1023 1034
+75	278 _{3:13}		+26 "		1283 1294
3 N	56 943 _{2:54}		+18 "		948 961
+25	57 042 ₅₆		+18 "		1047 1060
+50	57 235 ₅₄		" "		1240 1253
+62	56 905 ₅₃		" "		910 923
+75	57 012 _{2:50}	-56000	" "		1017 1030

28E

3 + 88 N	57413	2:49
+94	216	48
4 + 06 N	56950	46
+12	884	45
4 N	57047	44
+25	56818	42
+50	768	41
+75	853	39
5 N	850	37
+25	830	35
+50	776	33
+75	802	31
6 N	56776	2:28

-56000

+18	-15	+5	14181431
	-14	+6	112221234
	"	+6	956968
	"	+6	890902
	"	+6	10531065
	"	+6	824826
+19	"	+6	774787
	"	+6	859872
	"	+6	856869
	"	+6	836849
	"	+6	782795
+19	"	+6	808821
+19	"	+6	782795

29E 0 N	56520	4:18
+25	572	29
+50	604	30
+75	641	32
1 N	683	34
+25	693	36
+50	765	38
+75	846	41
2 N	56982	43

+12	-20	0	520532
+12	-22	-2	570584
+12	-22	-2	602614
+11	-20	0	641652
+11	-22	-2	684694
+11	-22	-2	691704
+10	-22	-2	763775
+10	-20	0	846856
+10	-20	0	982992

7p.m.
BASE STATION

56743

-56,000

-20 → 0 56743

TAKEN
AS DATUM
FOR ALL
FURTHER
CORRS

22

5 10 15 20 25
20 30 40 50
Field mag 80 100

21

56743 7:00 PM

7 -

20

6 -

19

5 10 15 20 25
10 20 30 40 50
20 40 60 80 100

18

4 -

17

3 -

16

5 10 15 20 25
10 20 30 40 50
20 40 60 80 100

15

1 -

14

12 -

13

5 10 15 20 25
10 20 30 40 50
20 40 60 80 100

12

10:30 -

11

10:30 AM

56696 Aug 19

10

10:35 am
56706 FM

5 10 15 20 25
10 20 30 40 50
20 40 60 80 100

9

28
FE
ME
G

Aug 19

2+62	314	57018	-15
2+56	315	57467	"
2+53	316	57257	"
2+50	318	57613	"
2+51	318	57506	"
2+48	320	57916	"
2+46	321	57942	"
2+45	322	57923	"
2+40	325	57986	"
2+35	326	56825	"
2+37	326	56863	"
2+30	328	56771	"
2+25	330	56742	"
2+00	332	56771	"
1+75	333	56815	"
1+50	338	56740	-14
1+25	341	56677	-14
1+00	343	56685	-14
0+75	401	56617	-20
0+50	406	56539	-20
1 00	412	56524	-21

last line briefly, poor
BL closure, 0+50 position
estimated.

29E ON	418	56520	-20
0+25N	429	56572	-22
0+50	430	604	-22
0+75	432	641	-20
1+00	434	683	-22

R. D. PENHALL LTD., MADE IN VANCOUVER, CANADA
DUKSBIAK WATERPROOF

1+25 N

436

56693-22

1+50

438

763-22

1+75

441

846-20

2+00

443

982-20

56743

7:00 AM @ base?

56727

56710

F Mag

at 7:35

B Mag

Trail - 300 4+25N

1060' slw

Aug 19

Stn

Time

Mag

27E	2+50 N	12:25	56 645	-12
	2+75 N	12:35	56 640	+6
	3+00 N	12:40	56 753	+5
	3+25 N	12:41	56 903	+5
	3+50 N	1244	56 906	+6
	3+65	1247	56 794	+6
	3+75	1246	56 666	+6
	3+85	1250	56 540	+7
	3+95	1254	56 765	+7
	4+00	1258	56 924	+7
	4+05	1257	57 095	+7
	4+12.5	1258	57 182	+7
	4+18	1259	56 966	+7
	4+25	1:00	56 904	+7
	4+31	1:01	56 903	+7
	4+37	102	837	+7
	4+43	103	722	+7
	4+50	106	866	+7
	4+62	1:10	807	+6
	4+75	111	784	+6
	4+87	113	967	+6
	5+00	114	944	+6
	5+06	115	964	+6
	5+12	116	962	+7
	5+25	118	912	+7
	5+37	119	954	+8
	5+50	121	802	+8
	5+75	122	771	+10

6+00

130

56733 +10

6+25

136

56726 +10

28E 6N

228

56 776 +14

5+75

231

56 802 -14

5+50

233

56 776 -14

5+25

235

56 830 -14

5+00

237

56 850 "

4+75

234

56 853 "

4+50

241

56 768 "

4+25

242

56 818 "

4+00

244

57 047 "

4+12

245

56 884 "

4+06

246

56 950 "

3+94

248

57 216 "

3+88

249

57 413 -15

3+75

250

57 012 "

3+62

253

56 905 "

3+50

254

57 235 "

3+25

256

57 042 "

3+00

254

56 743 "

2+75

313

57 278 "

"True"

Initial Base corr_n = 56743 - 56653 = 90

M502
Mag. 1981

20 Aug.

~~56705~~

Base
Sta.

Rdg (Less 56,000)

Base
corr_n

Diur
corr_n

~~56743~~
Corr. Rdg

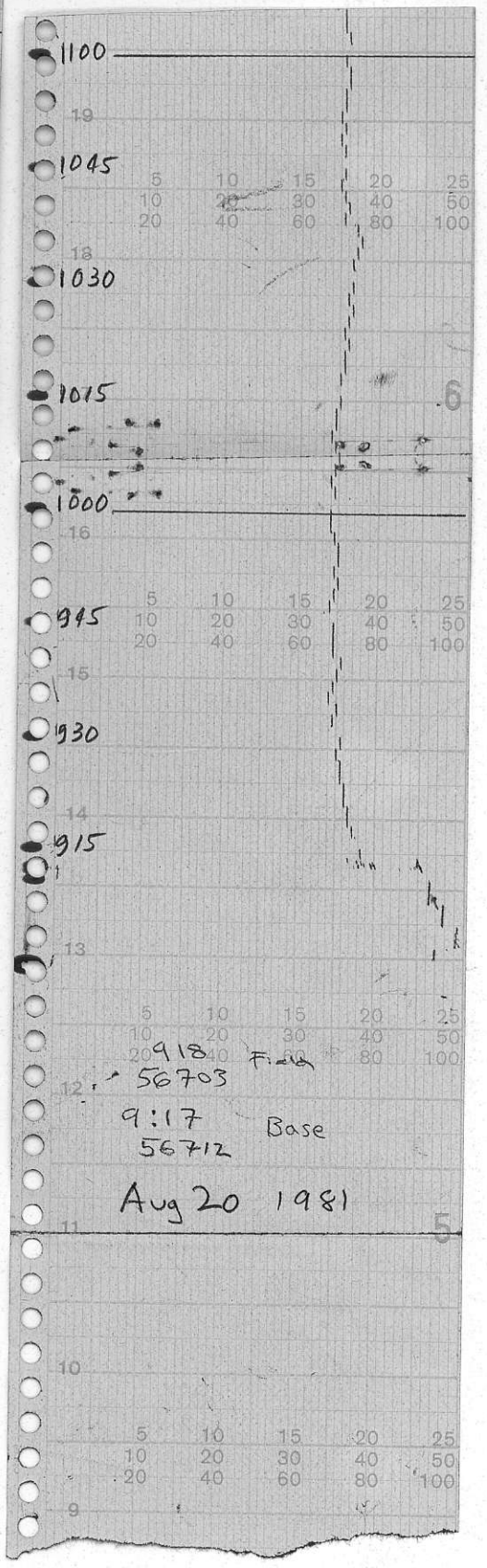
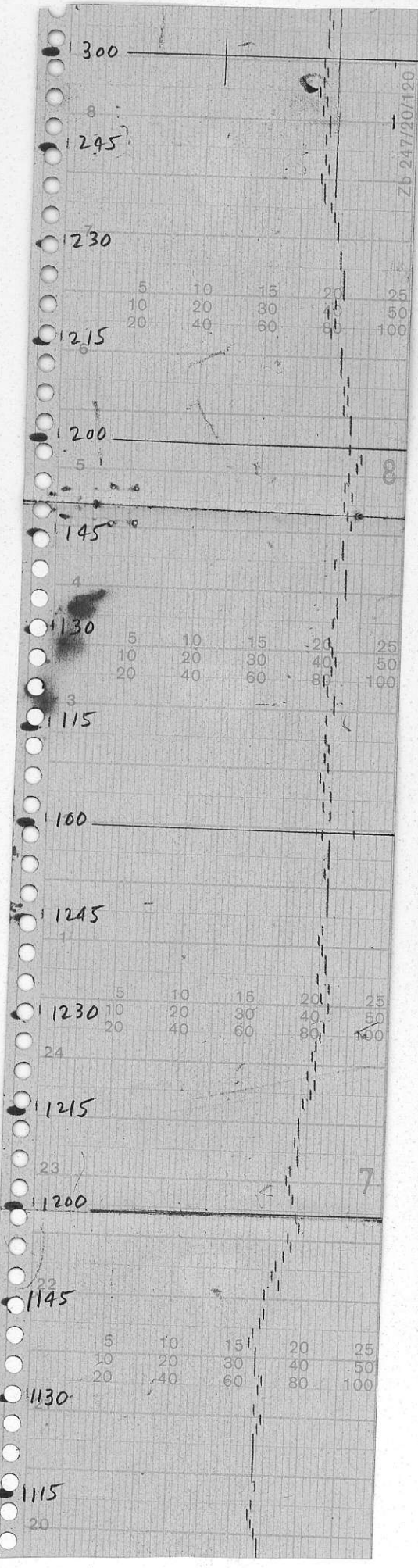
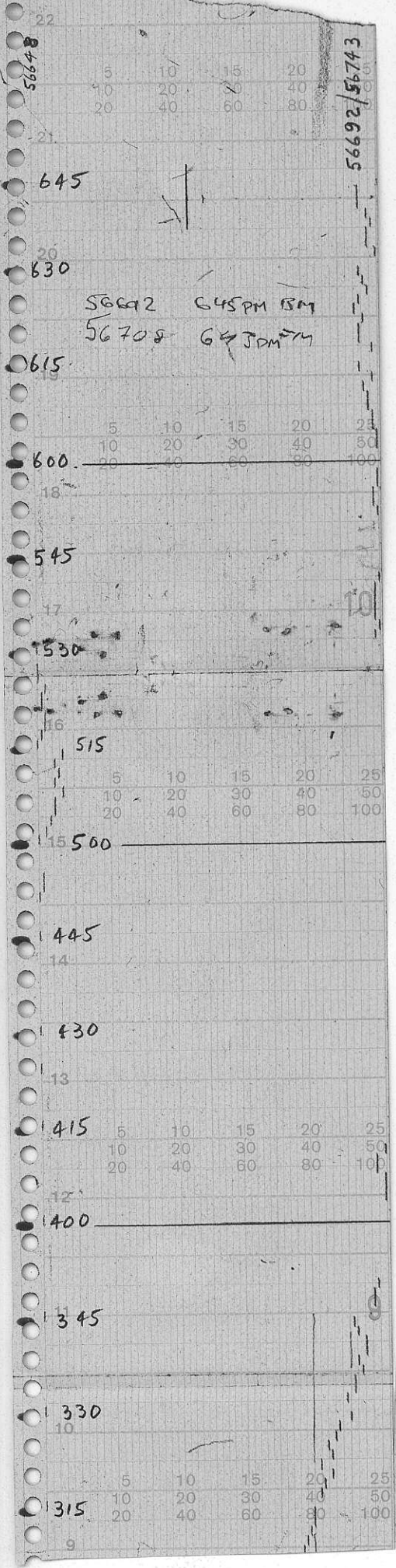
(29E)	2+25 N	1094	12:59	+146	-82	1158
	+50	867	1:02	0	-84	929
	+75	1048	06	0	-84	1110
3	N	1124	09	0	-83	1187
	+25	1032	12	0	-83	1095
	+50	1002	14	0	-82	1066
	+75	943	19	+95	+84	1005
4	N	1099	21		-84	1161
	+25	1030	24		-80	1096
	+50	904	26		-82	968
	+75	845	29		-82	909
5	N	817	32		-83	880
	+25	819	35		-84	881
	+50	801	37		-86	870
	+75	796	40		-86	856
6	N	813?	42		-85	872
(30E)	6 N	747	2:26		-83	810
	6+75	730	28		-82	794
	+50	761	31		-82	825
	+25	763	33		-81	828
	5 N	807	40		-76	877
	+75	848	43		-78	916
	+50	990	45		-78	1058
	+25	1101	49		-78	1169
4	N	1118	3:08		-77	1187
	+75	1166	10		-78	1234
	+50	1254	14		-80	1320
	+25	1326	19		-83	1389
3	N	914	27	✓	-87	973

30E 3+12 N	947	28	+146	-90	1003
2+75 N	867	31	}	-89	924
+50	743	33		-91	798
+25	601	36		-93	654
2 N	653	39		-94	705
+75	531	42		-92	585
+50	540	52		-100	586
+25	488	51		-100	534
1+ N	436	4:08		-98	484
0+75N	413	10		-98	461
0+50S	490	23		-100	536
0+75S	898	25		-100	944
0 B.L.	512	31		-100	550

31E

31E 0 B.L.	290	4:51		-100	336
+25	367	54		-101	412
+50	397	56		-100	443
+75	435	58		-100	481
1 N	445	5:00		-100	491
+25	394	02		-102	438
+50	619	04		-104	661
+75	776	08		-107	815
2 N	858	10		-105	899
+25	977	12		-104	1019
+50	970	14		-100	1016
+75	1187	18		-102	1231
3 N	1295	20		-101	1340
+25	1113	27	✓	-100 ⁻⁶⁸	1159 ¹⁰⁴⁵

BASE STATION ~~56743~~ 56692 ~~748~~ +146 ~~-48~~ -95 ~~56743~~ 56743



FIELD METRIC (S)

Aug 20

31°E - Trail crosses at 860'

Sta	Time	Mag
2+25W	1259	57094
2+50N	102	56867
2+75N	106	57048
3+00N	109	57124
3+25N	112	57032
3+50N	114	57002
3+75N	119	56943
4+00N	121	57099
4+25N	124	57030
4+50N	126	56904
4+75N	129	56845
5+00N	132	56817
5+25N	135	56819
5+50N	137	56801
5+75	140	56796
6+00N	142	56812

30E	5+75N	elk	1390'
30E	6N		56747
	5+75		730
	5+50		761
	5+25		763
	5+00N		807
	4+75N		848
	4+50N		990
	4+25N		57101

1060' Trail

R. D. PENHALL LTD. MADE IN VANCOUVER, CANADA
DUKSBAK WATERPROOF

4+00 N	308	57118
3+75	310	57166
3+50	314	57254
3+25	318	57326

- large boulder of mag skarn
in area of instn 08
at 3+25

3+00 N	327	56914
3+12.5 N	328	56947
2+75 N	331	867
2+50 N	333	743
2+25 N	336	601
2+00 N	339	653
1+75 N	342	531
1+50 N	352	540
1+25 N	351	488
1+00 N	408	436
0+75 N	410	413
0+50 S	423	490
0+25 S	425	898
BL 30 E	431	512

Aug 20

L30E - lost line in tangle
of deadfall approx
1400N - 75N estimated
2 South values, B230E
value equal

BL31E	451	56290
31E 0+25N	454	367
0+50N	456	397
0+75	458	435
1+00N	500	445
1+25N	502	394
1+50N	504	619
1+75N	508	776
2+00N	510	858
2+25	512	977
2+50	514	970
2+75	510	57187
3+00	520	57295
3+25	527	113

Aug 22 38E → 5

Sta	Time	Mag
1+00S	1113	54610
1+25S	1118	630
1+50S	1119	711
1+75S	1121	577
2+00S	1123	462
2+25S	1126	474
2+50S	1129	541
2+75S	1131	423
3+00S	1133	381
3+25S	1134	410
3+50	1136	383
3+75	1139	364
4+00S	1141	379
4+25S	1142	350
4+50	1143	360
4+75	1146	257
5+00S	1148	273
5-25S	1216	387
5+50S	1218	370
5+75	1220	425
6+00S	1222	505

22 Aug
BASE STATION

56682

+133

-72

M502
MAG 1981
56743

Sta

Rdg

Base
corr.

Dir.
Corr

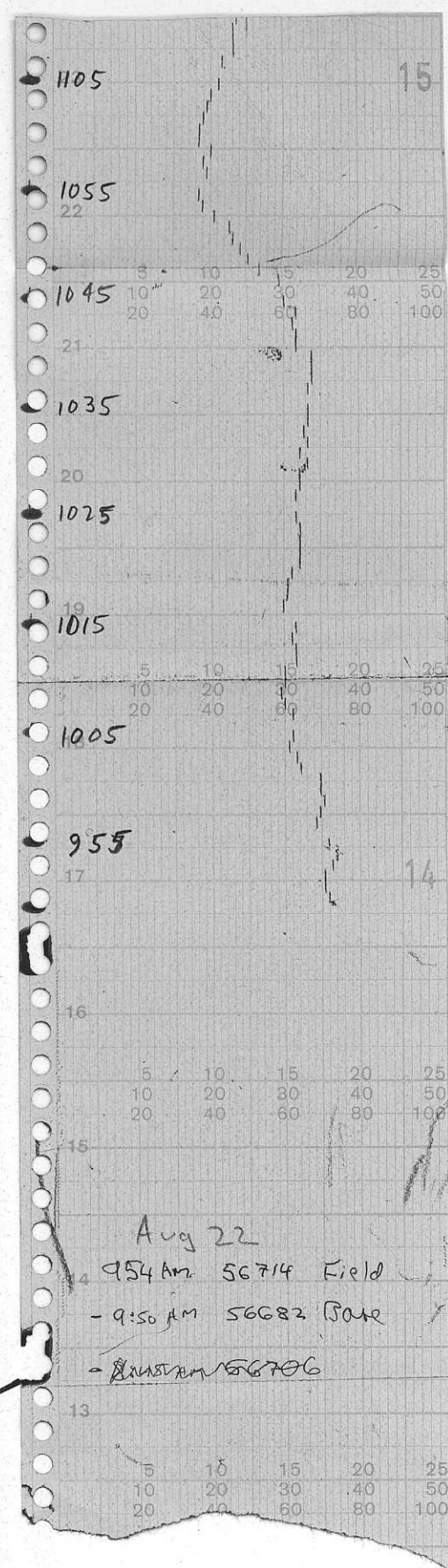
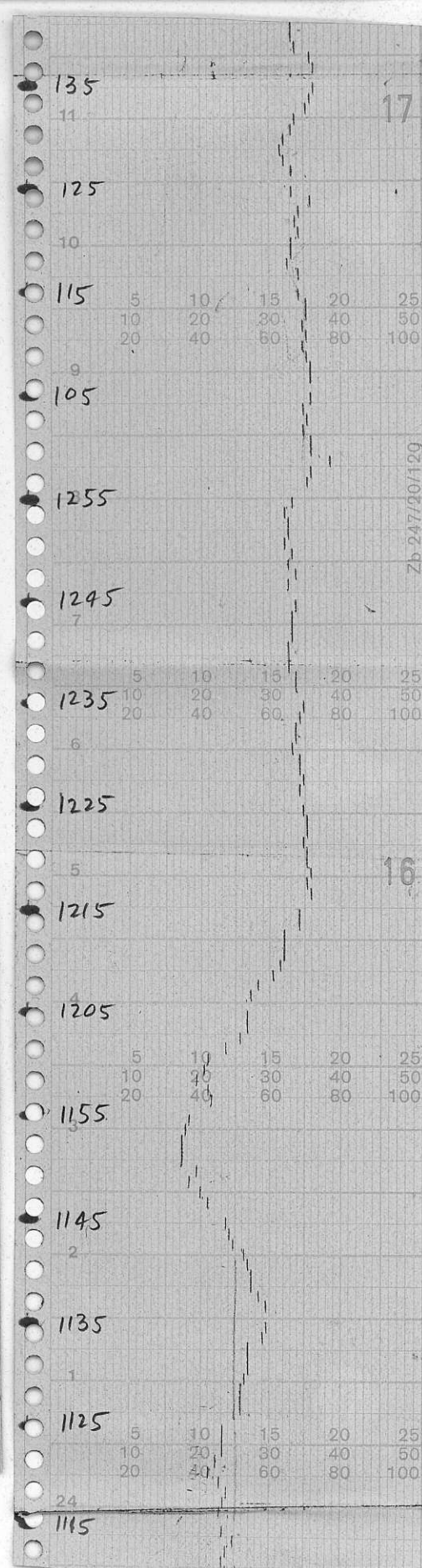
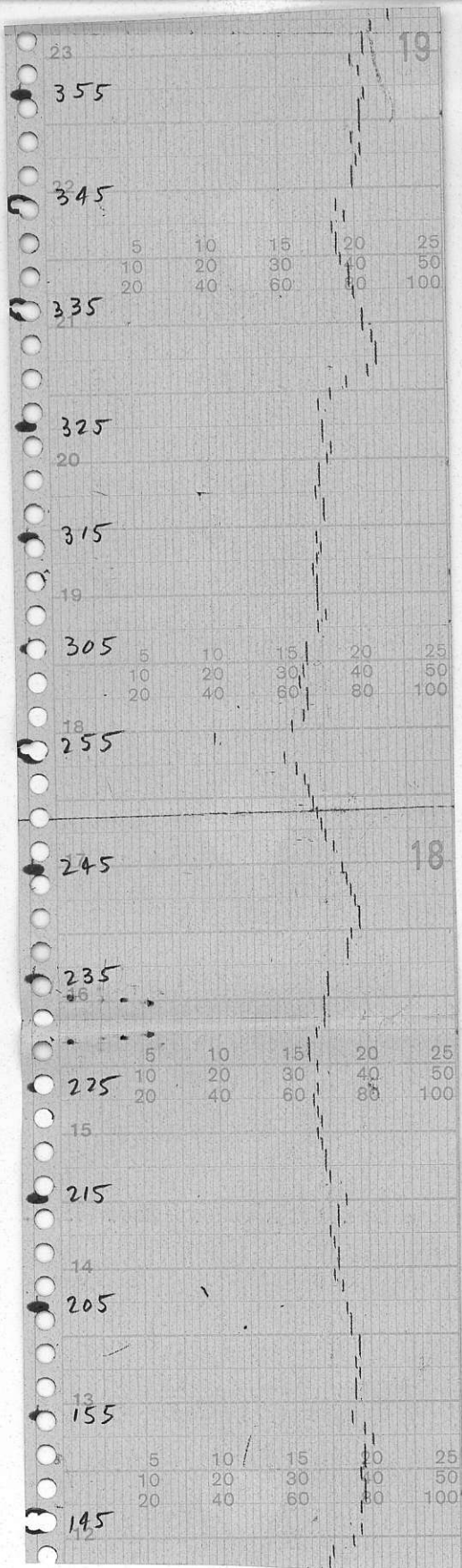
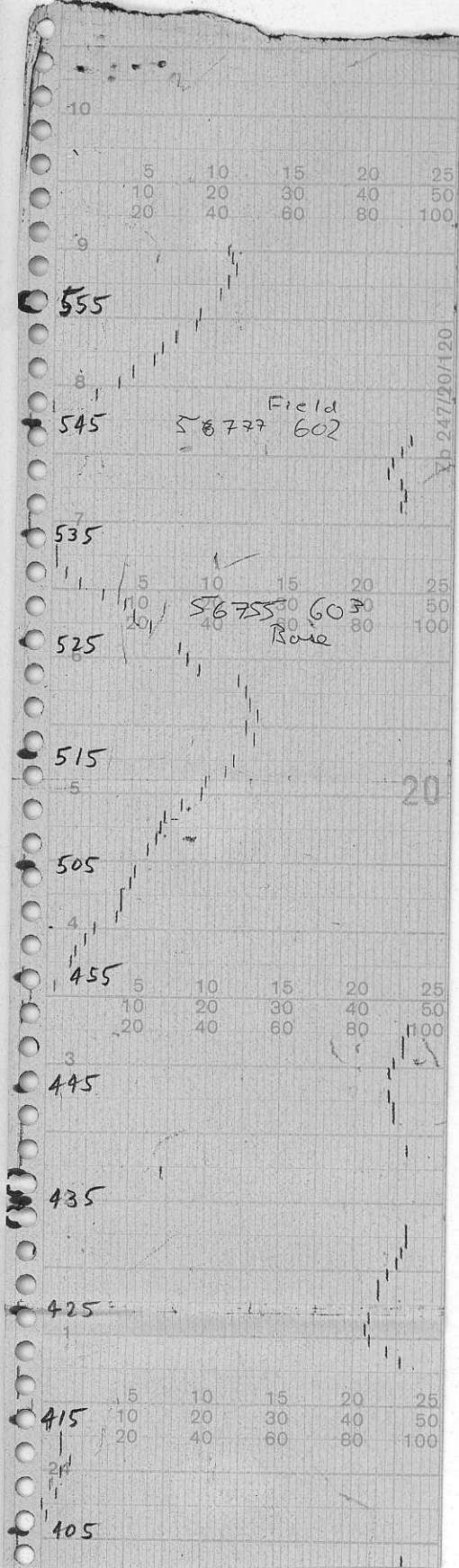
Corr. Rdg

Sta	Rdg		Base corr.	Dir. Corr	Corr. Rdg
1+00 S	56 610	11:13	+132	-46	56 696
(38E) +25 N	630	18		-45	717
+50	711	19		-44	799
+75	577	21		-44	665
2 S	462	23		-46	548
+25	474	26		-46	560
+50	541	29		-52	621
+75	423	31		-54	501
3 S	381	33		-58	455
+25	410	34		-59	483
+50	383	36		-59	456
+75	364	39		-59	437
4 S	379	41		-54	457
+25	350	42		-53	429
+50	360	43		-50	442
+75	257	46		-47	342
5 S	273	48		-42	401
+25	387	12:16		-70	449
(30E) +50 N	370	18		-70	432
+75	425	20		-70	487
6 +30 S	505	22		-70	567
+25	472	26		-70	534
5+50 N	556	28		-70	618
+75	516	30		-70	578
7 S	371	34		-65	438
+25	295	39		-65	242
+50	265	40		-65	332

37E	7+50 S	180	1:33	+132	-69	243
	+25	235	36		-73	302
	7 S	256	40		-66	322
	+75	243	43		-72	303
	+50	265	46		-77	320
	+25	390	49		-77	445
	6 S	142	51		-78	195 (spurious?)
	+75	687	54		-75	744
	+87	264	56		-76	320
	+82	597	57		-76	653
	+85	477	58		-77	532
	+70	233	2:07		-70	295
3	+62	56355	:23		-65	422
	+50	55899 (-101)	26		-66	-35
	+53	55960 (-40)	27		-64	28
	+55	56059	28		-64	127
	+58	56199	29		-66	265
	+45	55894 (-106)	31		-68	-42
	+40	55918 (-82)	32		-68	-18
	+35	55966 (-34)	33		-70	28
	+30	55997 (-3)	34		-70	59
	+25	56027	34		-70	89
	+12	56108	37		-75	165
	5 S	56179	38		-76	235
	+75	248	41		-78	302
	+50	286	43		-75	342
	+25	308	45		-74	366
	4 S	367	48		-70	428
	+75	323	52		-67	388
	+50	330	55		-62	400
	+25	355	57	✓	-64	423

BASE STA

37E	3	+00	S	56 230	2:58	+132	-66	296
		+75'		298	3:06		-66	364
		+50'		318	05		-66	384
		+25'		340	07		-69	403
2			S	435	09		-69	498
		+75		483	15		-70	545
		+50		385	18		-70	447
		+25		345	20		-70	407
1			S	476	22		-72	536
		+75		393	25		-71	454
		+50		571	29		-82	621
0		+25	S	623	33		-82	673
								433
36E	0		N	403	4:08		-102	433
		+25		506	15		-102	536
		+50		488	21		-91	529
38E	0	+75	N	612	4:44		-88	656
		+50		497	46		-88	541
		+25		417	48		-91	458
		B.L.		608	51		-92	648
39E		B.L.		708	58		-109	731
40E		B.L.		669	5:08		-124	677
	0	+25	S	615	10		-132	615
		+50		542	12		-138	536
		+75		671	15		-146	657
1			S	510	17		-152	490
		+25		658	19		-150	640
		+50	S	634	21	↓	-148	618
BASE STATION				56755		+131	-143	56743



Aug 22

6+255	1226	56472
6+50	1228	556
6+75	1230	516
7+005	1234	371
7+25	1234	295
7+50	1240	265
L37E		

37E 7+505	133	56180
7+255	136	285
7+005	140	256
6+755	143	243
6+50	146	265
6+25	149	540
6+00	151	142

(6+25 reading was taken from 8' above ground in deadfall)

5+75	154	56687
5+87	156	264
5+82	157	597
5+85	158	477

3m W of 5+75 370

3m E of 5+75 867

[readings climb rapidly E of str. 10m E 57136]

37+10E	207	57233
5+705		— peak reading

only visible OC-grndvt. w/ open q.vn. float. amyg. basalt whist. life.

5+625

223

56355

5+505

226

55899

5+538

227

55960

5+553

228

56059

5+585

229

56199

5+45

231

55814

5+40

232

55918

5+35

233

55966

5+30

234

55997

5+25

234

56027

5+12.5

237

56108

5+005

238

56179

4+753

241

248

4+50

243

286

4+23

245

308

4+00

248

367

3+75

252

323

3+50

255

330

3+23

257

355

Aug 22

3+00S	258	56230
2+75	300	298
2+50	305	318
2+25	307	340
2+00	309	435
1+75	315	483
1+50	318	385
1+25	320	345
1+00	322	476
0+75	325	393
0+50	329	571
0+25	333	625

36E ON	408	56403
0+25N	415	506
0+50N	421	488

38E 0+75N	444	56612
0+50N	446	497
0+25N	448	417
ISL 38E	451	608

ISL 39E	458	708
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ISL 40E	508	669
40E 0+25S	510	615
0+50	512	542
0+75	515	671

1+005

517

56510

1+255

519

658

1+505

521

634

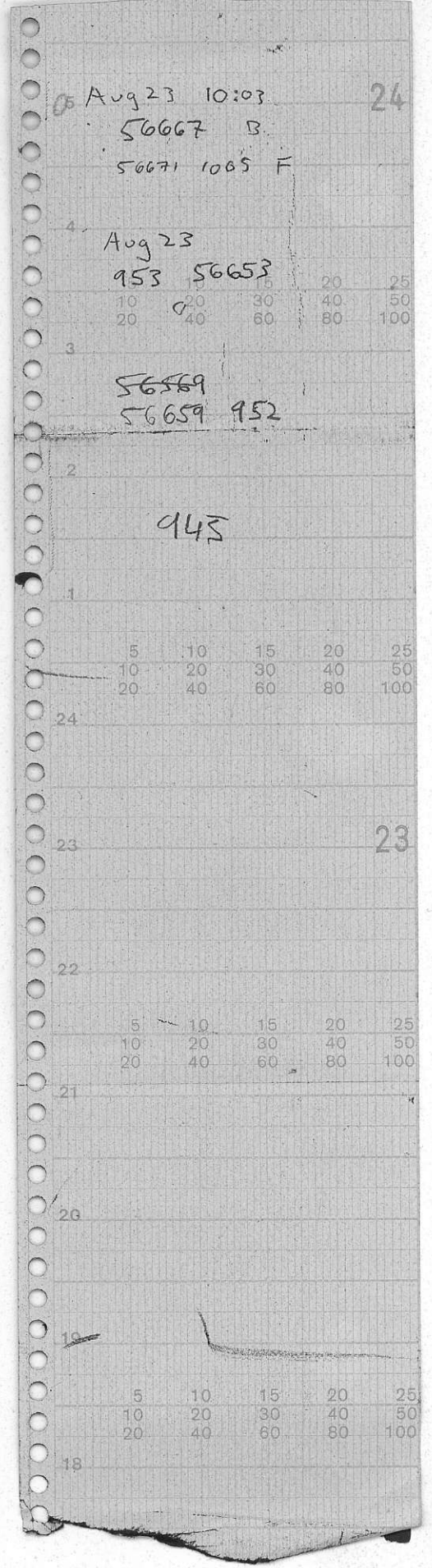
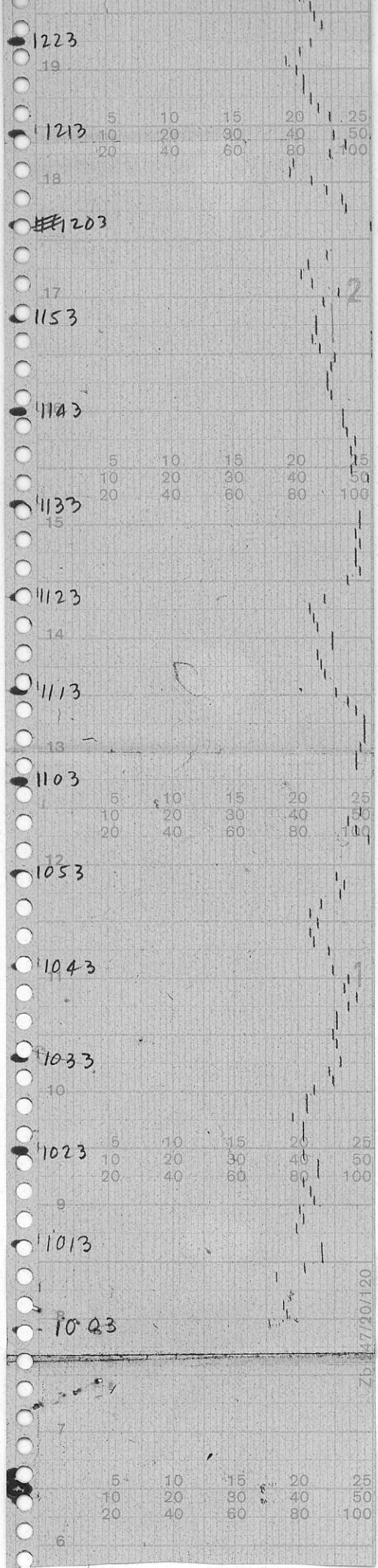
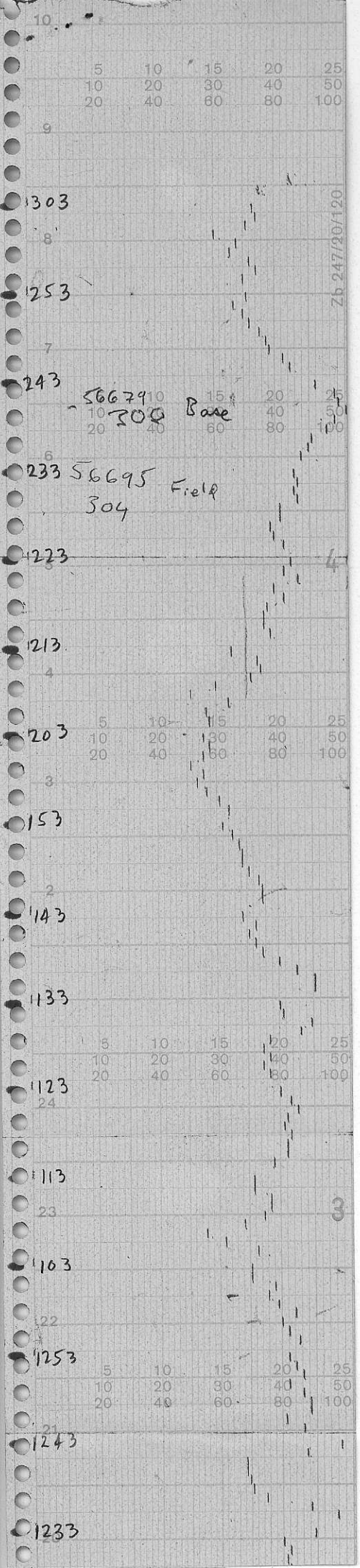
M 502
Mag. 81

23 Aug

BASE STA.						
		56653	9:53	+160	Aprx. ^{Ab} -70	56743
(40E) 1	+75 S	56420	11:11	+158	-96	482
2	S	474	12	}	-90	542
	+25	511	15		-88	581
	+50	468	17		-86	540
	+75	488	19		-90	556
3	S	505	24		-90	573
	+25	398	26		-97	459
	+50	595	29	+157	-97	655
	+75	446	33	}	-97	506
4	S	552	35		-99	610
	+25	588	38		-96	649
	+50	470	40		-96	481
	+75	486	45		-90	553
5	S	540	48		-92	605
	+25	533	52	-84	606	
	+50	576	55	-87	646	
	+75	663	57	-85	735	
6	S	750	12:00	+156	-84	822

42E 7	S	409	1:23	+153	-80	482
	+75	430	26	}	-75	508
	+50	545	29		-77	623
	+25	507	31		-90	570
6	S	478	33	}	-80	551
	+75	490	35		-90	553
	+50	452	40		+152	-71
	+25	410	42	}	-73	349
5	S	417	44		-75	494

42E? 4+75 S	56366	1:45	+152	-75	433
+50	383	48		-68	467
+25	397	50		-68	481
4 S	225	54		-64	313
+75	273	58		-54	421
+50	416	2:00		-54	514
+25	371	03		-56	467
3 S	432	04		-57	527
+75	629	07		-64	717
+50	521	09		-72	601
+25	450	13		-78	524
2 S	497	15		-78	571
+75	475	17		-77	550
+50	574	19		-82	644
+25	535	21		-86	601
1 S	409	24		-84	477
+70	346	28		-82	416
42E B.L.	561	29	∨	-81	632
BASE STA.	56679	3:08	+150	Apex - 86	56743



Aug 23, validity of
Base Station data questionable?

42E	1+755	1111	56420
40E	2+005	1112	474
	2+255	1115	511
	2+505	1117	468
	2+75	1119	488
	3+005	1124	505
	3+255	1126	398
	3+505	1129	575
	3+75	1133	446
	4+00	1135	552
	4+25	1138	588
	4+50	1140	420
	4+75	1145	486
	5+00	1148	540
	5+25	1152	533
	5+50	1155	576
	5+75	1157	663
	6+00	1200	750

42E	7+005	123	409
	6+75	126	430
	6+50	129	545
	6+25	131	507
	6+00	133	478
	5+75	135	490
	5+50	140	452

5+25	142	56410
5+00	144	417
4+75	145	366
4+50	148	383
4+25	150	397
4+00	154	225
3+75	158	273
3+50	200	416
3+25	203	371
3+00	204	432
2+75	207	629
2+50	209	521
2+25	213	450
2+00	215	497
1+75	217	475
1+50	219	574
1+25	221	535
1+00	224	409
0+75	228	346
BL42E	229	561

M502
Mag. 1981

24 Aug

Sta.	Reading (F)	Time	Day const	Diurnal	True Rdg.
Base	56643	954	+112	-1212	56743 56643 + 100
(31E) 3+50N	56911	12:38	+123	-42	992
+75	863	40	+123	-44	942
4 N	770	44	+122	-44	848
+25	750	47	}	-46	826
+50	660	51		-44	738
+75	725	54		-42	805
5 N	704	56		-42	784
+25	743	59		-40	825
+50	758	1:00	}	-42	838
+75	789	03		-48	863
6 N	775	04		√	-51
(32E) 7 N	56821	2:05	+119	-52	888
+75	842	6	}	-50	911
+50	827	7		-53	893
+25	810	9		-47	882
6 N	808	13	}	-54	873
+75	775	16		√	-60
+50	821	19	+118	-66	873
+25	805	22	}	-71	852
5 N	767	25		-73	812
+75	799	28		-80	837
+50	807	30	+118	-84	841
+25	823	33	"	-90	851

4	N	56 809	2:38	+118	-100	827
+75		865	40	}	-100	883
3 +50	N	798	44		↓	-96

33E 3	N	56 868	3:07	+117	-100	885
+25		783	10	}	-100	800
+45		57 257	14		-108	1266
+40		198	15		-104	1211
+35		56 967	17		-106	978
+50		57 390	19	↓	-106	1401
+55		330	21	+116	-115	1331
+60		031	22	}	-115	1032
+65		56 988	27		-120	984
+70		929	28	↓	-114	931

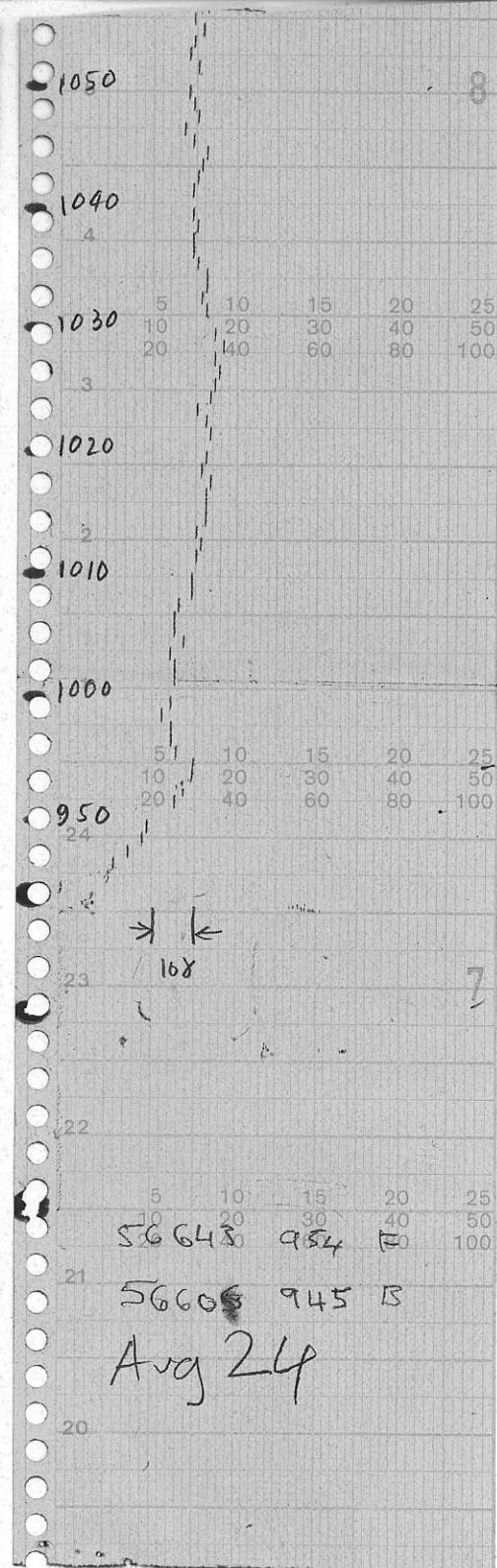
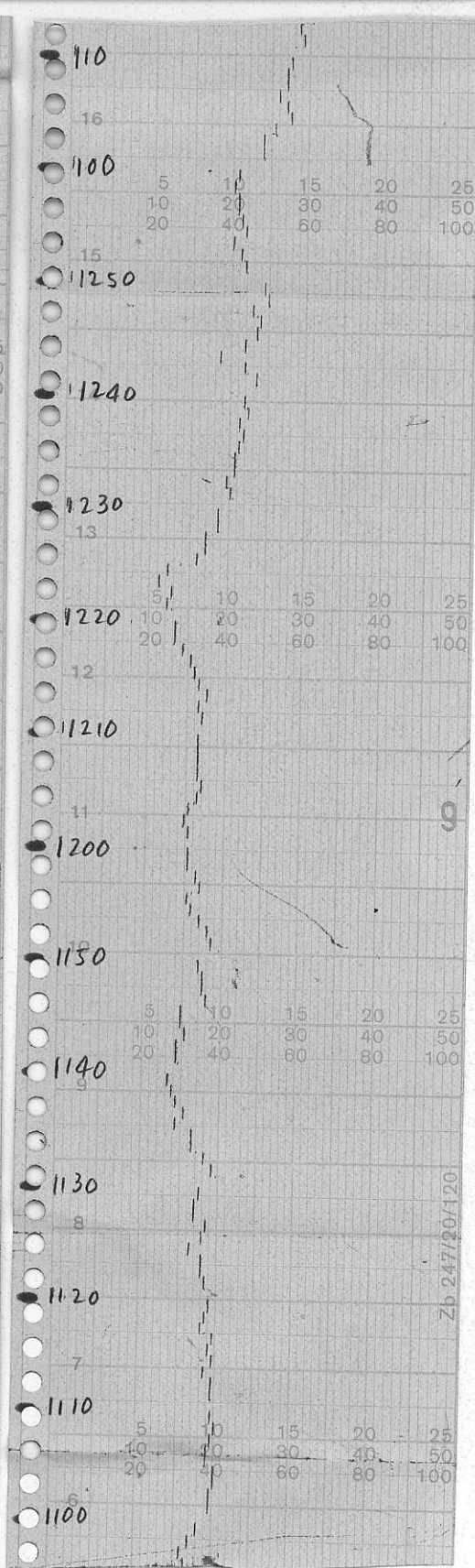
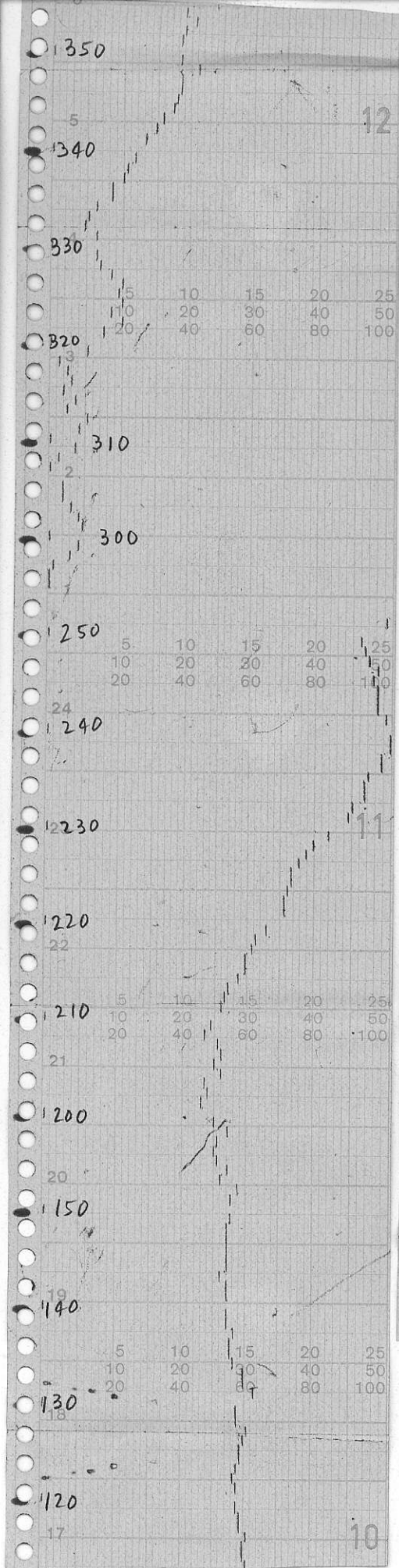
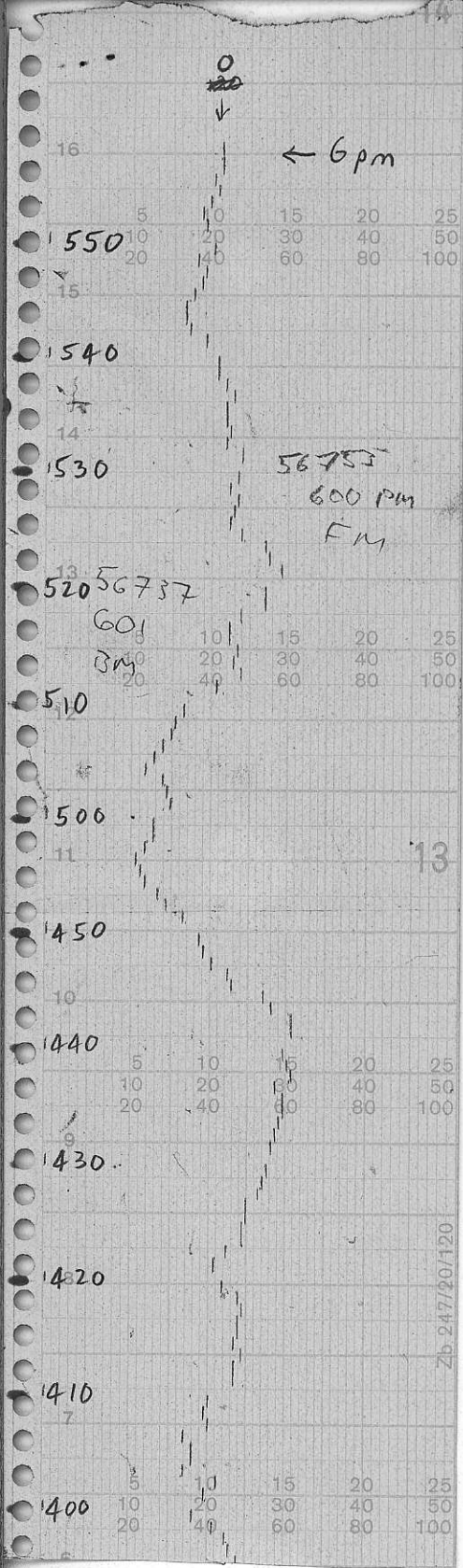
4	N	842	30	+116	-113	895
+25		887	33	}	-110	893
+50		900	35		-117	899
+75		988	38		-120	984
5	N	57 026	42		↓	-130
+25		033	48	+115	-138	1010
+50		027	50	}	-138	1004
+75		001	53		-138	978
6	N	56 910	55	}	-144	881
+25		887	57		↓	-146
+50		964	59	+115	-136	943

34E 5	N	57460	4:34	+114	-160	1414
+90		067	37	}	-158	1023
4 +85		078	38		↓	-161

		<u>T</u>	<u>Day</u>	<u>Down</u>	<u>Corr.</u>
3 4E 4+75 N	57076	4:40	+113	-159	1030
+50	108	42	}	-161	1060
+25	214	45		-146	1181
4 N	070	49		-137	1046
+75	030	52		-130	1013
+50	163	57		+112	-121
+25	56914	5:02	}	-129	897
3 N	883	04		-124	871
+75	782	07		-130	764
+50	771	08		+112	-131
Base	56755	-6 pm	+1302	-142	56743

Base	26752	4130	192	28743
0	001	0	002	0
08	001	0	002	0
30	001	0	002	0
51	001	0	002	0
72	001	0	002	0
93	001	0	002	0
114	001	0	002	0
135	001	0	002	0
156	001	0	002	0
177	001	0	002	0
198	001	0	002	0
219	001	0	002	0
240	001	0	002	0
261	001	0	002	0
282	001	0	002	0
303	001	0	002	0
324	001	0	002	0
345	001	0	002	0
366	001	0	002	0
387	001	0	002	0
408	001	0	002	0
429	001	0	002	0
450	001	0	002	0
471	001	0	002	0
492	001	0	002	0
513	001	0	002	0
534	001	0	002	0
555	001	0	002	0
576	001	0	002	0
597	001	0	002	0
618	001	0	002	0
639	001	0	002	0
660	001	0	002	0
681	001	0	002	0
702	001	0	002	0
723	001	0	002	0
744	001	0	002	0
765	001	0	002	0
786	001	0	002	0
807	001	0	002	0
828	001	0	002	0
849	001	0	002	0
870	001	0	002	0
891	001	0	002	0
912	001	0	002	0
933	001	0	002	0
954	001	0	002	0
975	001	0	002	0
996	001	0	002	0
1017	001	0	002	0
1038	001	0	002	0
1059	001	0	002	0
1080	001	0	002	0
1101	001	0	002	0
1122	001	0	002	0
1143	001	0	002	0
1164	001	0	002	0
1185	001	0	002	0
1206	001	0	002	0
1227	001	0	002	0
1248	001	0	002	0
1269	001	0	002	0
1290	001	0	002	0
1311	001	0	002	0
1332	001	0	002	0
1353	001	0	002	0
1374	001	0	002	0
1395	001	0	002	0
1416	001	0	002	0
1437	001	0	002	0
1458	001	0	002	0
1479	001	0	002	0
1500	001	0	002	0
1521	001	0	002	0
1542	001	0	002	0
1563	001	0	002	0
1584	001	0	002	0
1605	001	0	002	0
1626	001	0	002	0
1647	001	0	002	0
1668	001	0	002	0
1689	001	0	002	0
1710	001	0	002	0
1731	001	0	002	0
1752	001	0	002	0
1773	001	0	002	0
1794	001	0	002	0
1815	001	0	002	0
1836	001	0	002	0
1857	001	0	002	0
1878	001	0	002	0
1899	001	0	002	0
1920	001	0	002	0
1941	001	0	002	0
1962	001	0	002	0
1983	001	0	002	0
2004	001	0	002	0





Aug 24

31E	3+50N	1238	56911
	3+75N	1240	865
	4+00N	1244	770
	4+25	1247	750
	4+50	1251	660
	4+75	1254	725
	5+00	1256	704
	5+25	1259	743
	5+50	100	758
	5+75	103	787
	6+00	104	775

L22E	7+00N	205	56821
	6+75N	206	842
	6+50N	207	827
	6+25N	209	810
	6+00N	213	808
	5+75N	216	775
	5+50N	219	821
	5+25N	222	805
	5+00	225	767
	4+75	228	799
	4+50	230	807
	4+25	233	823

4+00
3+75
3+50 W

238
240
244

56809
865
798

33E 3+00N
3+25N
3+45
3+40
3+35
3+50
3+55
3+60
3+65
3+70
4+00
4+25
4+50
4+75
5+00
5+25
5+50
5+75
6+00 N
6+25
6+50

307
310
314
315
317
319
321
322
327
328
330
333
335
338
342
348
350
353
355
357
359

56868
783
57257
198
56967
57390
330
031
56988
56929
842
887
900
928
57026
033
027
001
56910
887
964

34E 5+00N
4+90N
4+85N

434
437
438

57460
067
078

R. D. PENHALL LTD. MADE IN VANCOUVER, CANADA
DURABLE WATERPROOF

METRIC
FIELD (S)

Aug 24

24E 4+75N	440	57076
4+50N	442	57108
4+25N	445	57214
4+00N	449	070
3+75	452	030
3+50	457	165
3+25	502	56914
3+00	504	885
2+75	507	782
2+50	508	771

M 502
1981 mag

26 AUG

<u>Sta</u>	<u>Rdg</u>		<u>Base Cor.</u>	<u>Diur.</u>	<u>True Rdg</u>
Base	56694	10:40	+87	-38	56743
(36E) 0 +50 N	56392	11:51	}	-60	419
+75	829	12:16		-58	858
1 N	57124	12		-55	1156
+12	033	15		-53	1067
+25	56942	17		-54	975
+37	884	18		-54	917
+50	881	19		-52	916
+75	57226	22		-55	1258
+70	087	23		-56	1118
+80	143	24		-56	1165
+90	101	25		-55	1133
2 N	054	26		-55	1086
+10	56 854	29		-58	883
+25	56 858	31		-58	887
+50	57021	36		-64	1044
+62	57093	38		-65	1115
+75	035	41		-64	1058
3 N	211	42		-64	1234
+15	108	45		-64	1131
+30	196	47		-64	1219
+45	497	49	-68	1516	
+40	326	50	-66	1347	
+50	504	52	-70	1521	
+62	502	55	-68	1525	
+75	460	57	-73	1474	
3 +90 N	246	1:00	-75	1258	
4 N	56879	:03	-75	891	
3 +95 N	57073	:26	-71	1089	

36E 4+12 N	57233	1:29	+87	-72	1248
+25'	58032	32		-74	2045
+23'	57993	33		-74	2006
+30'	760	34		-74	1773
+35'	487	35		-75	1499
+45'	252	36		-75	1264
+50'	025	38		-78	1034
+57'	099	41		-78	1108
+60'	483	40		-78	1492
+62'	542	40		-78	1551
+65'	57958	41		-78	1967 (peak)
+68'	58084	3:23		-96	2075
+70'	57192	24		-98	1181
+75'	56487	29		-100	474
+74'	56123	29		-100	110
+75'	} weird high grads?				
5+50 N	57375	3:35		-100	1362
+60'	56979	39		-100	966
+70'	925	40		-100	912
+80'	950	42		-100	937
6 N	892	44		-101	878
6 N	56918	53		-100	905
+25'	999	54		-100	985
+37'	57142	56		-100	1129
sta. moved! 4 6+50 N?	246	55		-100	1233
+12'	209	58		-100	1196
+25'	594	59		-101	1580
sta 6N?	901	4:01		-100	1888
+5'	58706	02		-102	2691
+9'	522	03		-103	2506
+12'	172	03		-103	2156
+15'	57877	04	✓	-108	1856

36E/6 + 25N ↓ +26 ↓ down	57594	3:59	+87	-102	1579
+27	832	4:06		-110	1829
+30	877	04		-108	1854
+33	58172	03		-102	2157
+37	522	03		-102	2507
+40	706	02		-102	2691
+42 = 5+50N	413	? 15		-102	2398
+5	57901	? 01		-103	1885
+10	56760	4:27		-118	729
+15	57055	28		-118	1024
+20	56963	29		-118	932
+25	57172	30		-118	1141
+30	57676	31		-118	1645
+35 = 5N	58070	32		-118	2039
+40 = 5N	58661	33		-118	2630
+20	58101	34		-118	2070
4 + 50 N	57714	36		-118	1683
+20	343	41		-114	1316
4 N	153	44		-112	1128
BC-6	?? 848	46		-113	? 1822
+20	940	48		-115	1912
3 + 50 N	58727	49		-115	2699
+20	57845	52		-113	1819
3 + 50 N	57446	54		-110	1423
+20	58836	56		-112	2811
2 + 50 N	56450	59		-112	425
+25) N.G. mag bldrs abundant. ↓				
Base	56568		+283	-108	56743
				Doublet.	
				Ignore	

Aug 26

365 0+50N

1151

56397

0+75N

1210

829

1+00

1212

57124

1+12

1215

57433

1+25

1217

56942

1+37

1218

56884

1+50

1219

581

1+75

1222

57226

1+70

1223

087

1+80

1224

143

1+90

1225

101

2+00

1226

054

2+10

1229

56854

2+25

1231

858

2+50

1236

57021

2+62

1238

093

2+75

1241

035

3+00

1242

211

3+15

1245

108

3+30

1247

146

3+45

1249

447

3+40

1250

324

3+50

1252

504

3+62

1255

507

3+75

1257

460

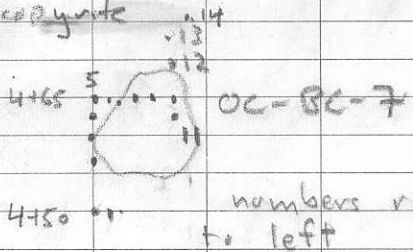
3+90

100

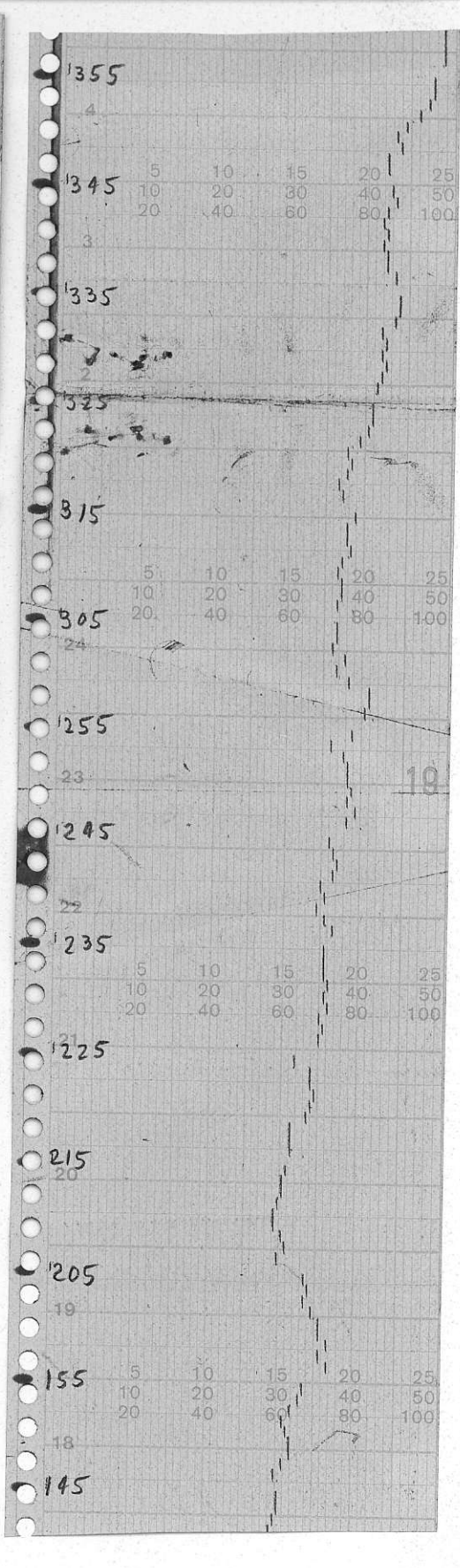
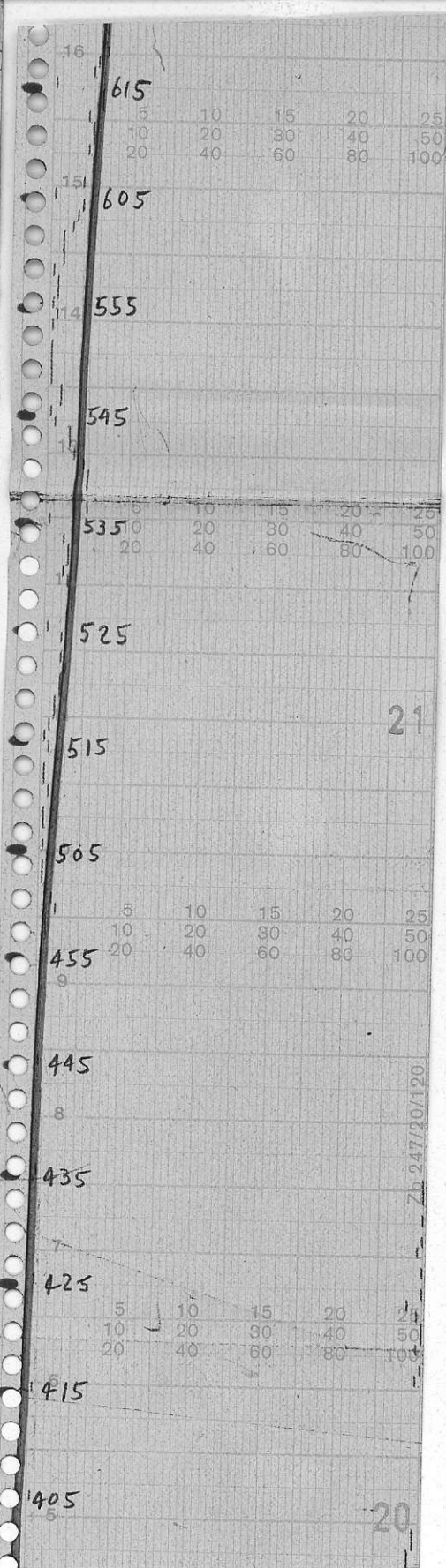
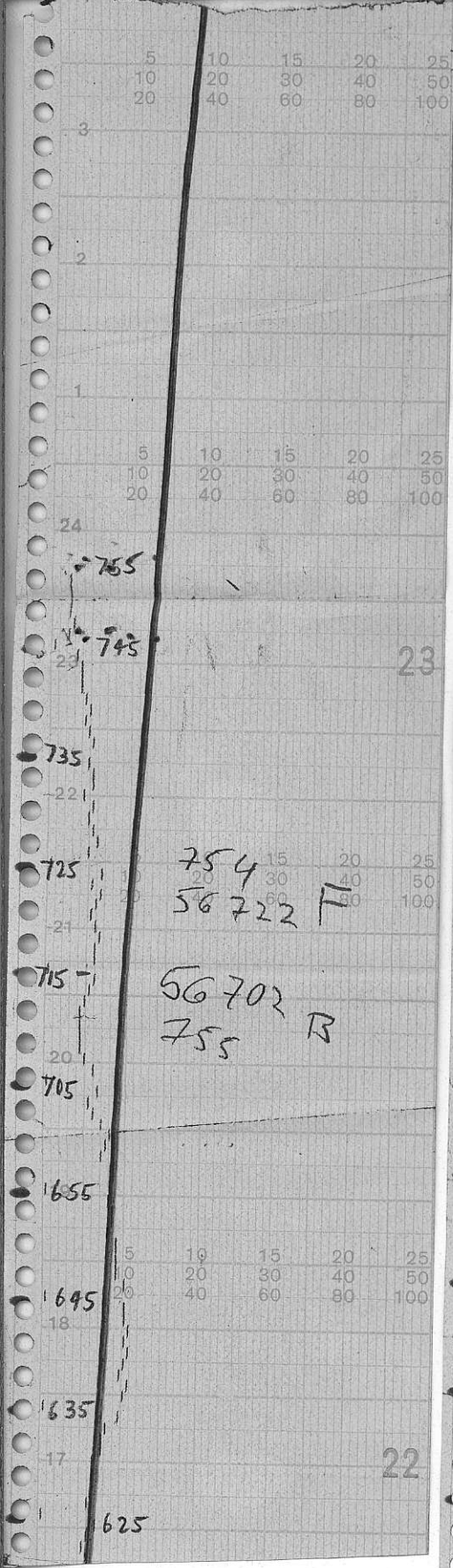
246

4+00N	103	56871
3+95	126	57073
4+12	124	233
4+25	132	58032
4+23	133	57993
4+30	134	57760
4+35	135	57487
4+45	136	252
4+50	138	025
4+57	141	099
4+60	240	489
4+62	240	542
4+65	241	518
6 +2mE	241	958
7 +3mE	243	58051
8 -5mE	244	57927
9 +6mE	245	58 —
10 +7mE	245	58 —
11 4+64 + 7mE	246	58843

Dropsicle? calcite garnet skarn
w chalcopyrite



R. D. PENHALL LTD. MADE IN VANCOUVER, CANADA
DUKSBARK WATERPROOF



18

17
135

125

5	10	15	20	25
10	20	30	40	50
20	40	60	80	100

115
15

105

14

1255

13

1245

5	10	15	20	25
10	20	30	40	50
20	40	60	80	100

1235

1225

11

17

1215

10

1205

5	10	15	20	25
10	20	30	40	50
20	40	60	80	100

9

1155

8

1145

1135

5	10	15	20	25
10	20	30	40	50
20	40	60	80	100

1125
6

Zb 247/20/120

16

11:15

5

11:05

4

5	10	15	20	25
10	20	30	40	50
20	40	60	80	100

3 → ←
10x

2

Aug 26

1105 56681 FM

-1102 56653 BM

5	10	15	20	25
10	20	30	40	50
20	40	60	80	100

24

23

15

22

5	10	15	20	25
10	20	30	40	50
20	40	60	80	100

21

20

19

5	10	15	20	25
10	20	30	40	50
20	40	60	80	100

12 4+68	323	58034
13 4+70	324	57192
14 4+73	329	56497
4+74	329	56123

4+75 no sensible readings -
indicator lock stabilizes at
28 ✓ with button - results
28657

magnetically "weird" area
no sensible readings obtained
from 4+75 to where 500 should be

3GE 5+50N	335	57535
5+60N	339	56979
5+70N	340	925
5+80N	342	950
6+00N	344	892

rock sample DC-9 56758

stn 6+00N	353	56918
25	354	998
27	356	57142
stn	355	246
12	358	209
25	359	594
stn	401	901

sta time 407

stn +5N	402	58706
+9N	403	58522
+13N	403	58172
+15N	404	57877

stns - approx 40m apart
 reading at 25 is 15m from
 next sta

26 = 16m 406 57832

rewritten on facing page

going south from top of
 ridge where first reading
 was taken - numbers
 gone from flags - will
 rewrite when I find
 a flag

from SN readings were
 taken at 20m intervals

R. D. PENHALL LTD. MADE IN VANCOUVER CANADA
 DUKEBAK WATERPROOF

25	359	57594
26	406	57832
27	404	57877
30	403	58172
33	403	58522
37	402	58706
40	415	58413
42 sta S-50N	401	57901

sta is 42 m from previous
sta

5m	427	56760
10m	428	57055
15m	429	56963
20m	430	57172
25m	431	57676
30m	432	58070
35m	433	58661
40m	434	57101
(sta S+100N)		

20m	436	57714
4+50N	441	57343
20m	444	153
4+00	446	848
BC-6	448	940

20 m	449	58727
3+50 N	452	57845
20 m	454	446
3+00 N	456	58836
20 m	459	56450

2+50 meaningless numbers
 20 more meaningless numbers
 - whole area littered
 with magnetite boulders
 mag/malachite showing
 approx 2+25 N

M502
1981 Mag

28 Aug

sta		Rdg		Base corr.	Diff.	'True' Rdg
Base		56681	11:05	+120	~ -58	56743
(32E) 3	N	56583	12:24	+121	-51	653
	+75	450	32	+122	-53	520
	+50	431	34		-50	502
	+25	292	37		-50	363
2	N	185	40		-52	254
	+75	509	43		-55	575
	+50	818	45	+122	-54	885
	+25	645	59		-55	711
1	N	431	1:00		-54	498
	+75	355	05		-56	420
	+50	159	07		-58	222
	+25	169	09		-56	234
B. L.		56242	15	+122	-57	306
(31E) B. L.		56219	1:30	+122	-60	281
	+25	635	35		-60	697
	+50	278	38		-61	339
	+75	187	41		-62	247
1	S	245	44		-60	307
	+25	631	45	+123	-60	693
	+50	194	47		-60	254
	+75	223	49		-64	283
2	S	266	52		-62	326

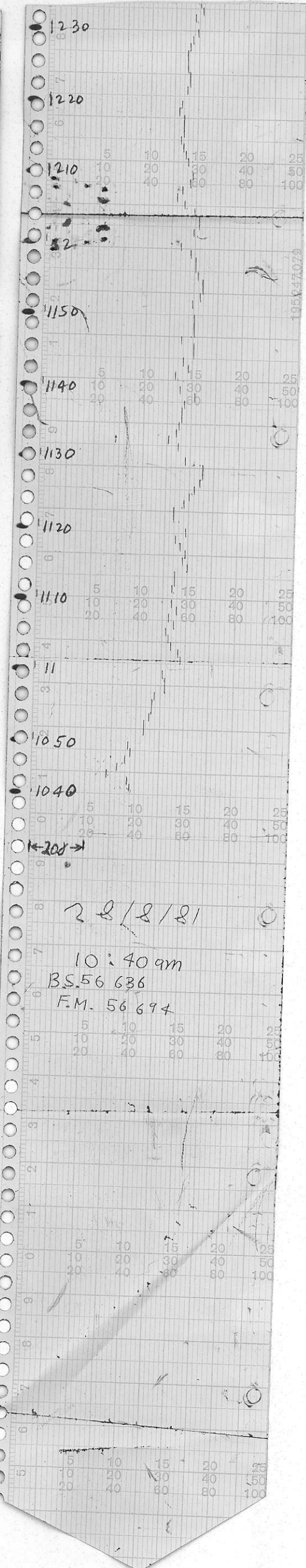
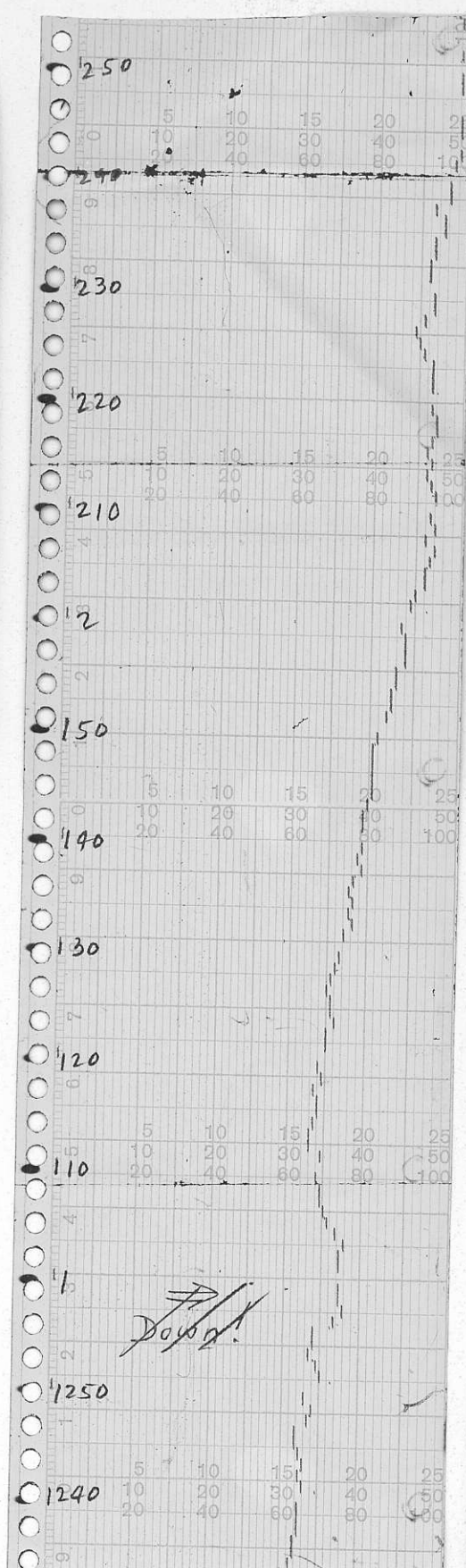
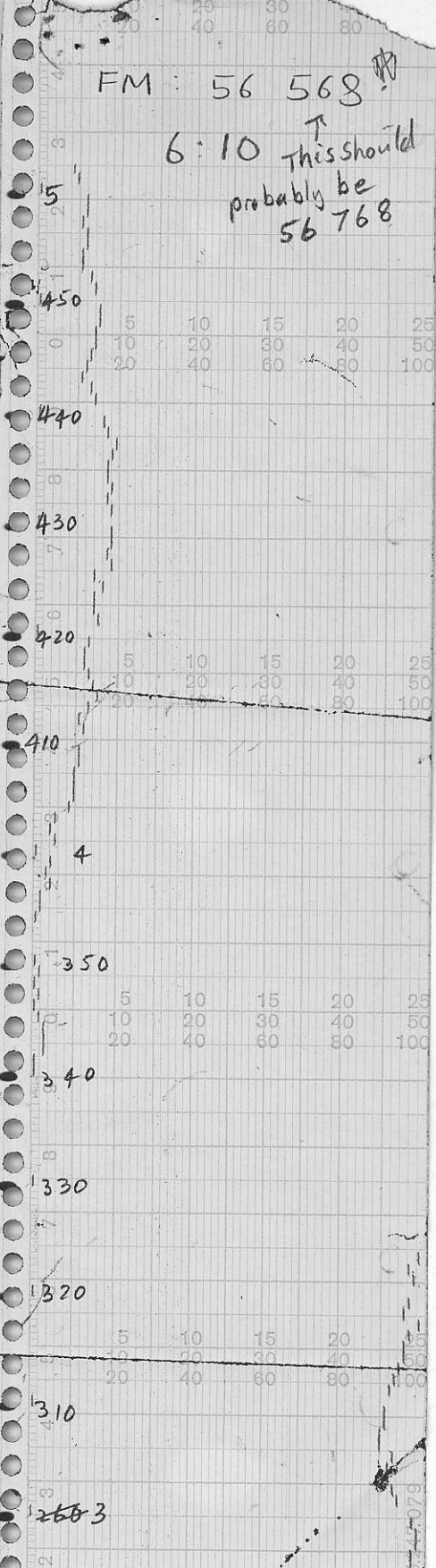
32E	2	S	55 794	(-206)	2:17	+122	-62	minus -146
	+75		949	(-51)	19		-62	+ 9
	+50		56 013		21		-68	67
	+25		998		26		-70	1050 (?)
1		S	031		28		-70	83
	+75		138		44		-73	187
	+50		161		47		-76	207
	+25		181		50	✓	-77	226

33E	B-L		56 369		4:04	+123	-100	392
	+250		315		7		-100	338
	+505		265		8		-100	288
	+75		340		10		-100	363
1		N	462		14		-100	485
31E	+25 L		045		18		-100	68
	+50		224		26		-100	247
	+75		297		29		-99	321
2	+75	N	273		33		-100	296
1	+25	S	851		36		-100	874
	+50		639		45		-100	662
3	+50	N	604		51	✓	-100	627

BASE		S	56 722		7:54	+125	-104	56 743
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FM: 56 568

6:10 This should probably be 56 768



28 Aug. 81

C. Bradley

D. Francis

Field Mag.

32E, ~~3~~

to BL

32E, BL → Crk

32E, Crk → BL

<u>Station</u>	<u>Time</u>	<u>Reading</u>
<u>32 NE</u>		
3130 NW		
3425		
3-00 N	12:24	56 583
2+75 "	12:32	56 450
2+50 "	12:34	56 431
2+25 "	12:37	56 292
2+00 "	12:40	56 185
1+75 "	12:43	56 509
1+50 "	12:45	56 818
1+25 "	12:59	56 645
1+00 "	1:00	56 431
0+75 "	1:05	56 355
0+50 "	1:07	56 159
0+25 "	1:09	56 169
0+00	1:15	56 242

<u>Station</u>	<u>Time</u>	<u>Reading</u>
<u>31 E</u>		
0+00	1:30	56 219
0+25 S	1:35	56 635
0+50 S	1:38	56 278
0+75 S	1:41	56 187
1+00 S	1:44	56 245
1+25	1:45	56 631
1+50	1:47	56 194
1+75	1:49	56 223
2+00	1:52	56 266

32E

2+00S	2:17	55 794
1+75S	2:19	55 949
1+50 S	2:21	56 013
1+25 S	2:26	56 498
1+00S	2:28	56 031
0+75S	2:44	56 138
0+50	2:47	56 161
0+25	2:50	56 181

33E

0+00	3 4:04	56 369
0+25N	4:07	56 315
0+50N	4:08	56 265
0+75N	4:10	56 340
1+00N	4:14	56 462
1+25N	4:18	56 045
1+50N	4:26	56 224
1+75N	4:29	56 292
2+00N	4:33	56 273
2+25N	4:36	56 851
2+50N	4:45	56 639
3+00N	4:51	56 604