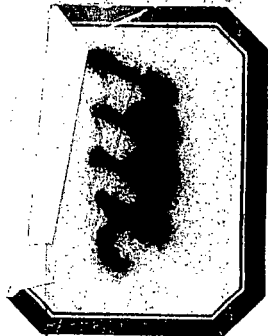


*REPORT
on the
MAGNETIC PROSPECTING
for
DUNITE PIPES
on the
MILL MINERAL CLAIMS
of
KELSO EXPLORATIONS LTD (N.P.L.)
By
Ian F. Morton
17/7/69*

92H 06W

Group: Mill Claims 1-8
Location: 4 miles northwest of Hope, B. C.
49° 121° SE
Accurate Location: Between Lat. 49°27'42" and
Lat. 49°28'51".
Between Long. 121°26'37" and
Long. 121°27' 57".
For the Owner: Kelso Explorations
Work Done From: 24/6/69 to 27/6/69.



Calbert B. Selmsler, P. Eng.

CHIEF ENGINEER
GEO CAL LIMITED

2658 NELSON AVENUE
WEST VANCOUVER, B.C.
922-5477

1992

October 4, 1969

TO WHOM IT MAY CONCERN

Subject: Report on the Magnetic Prospecting for Dunite Pipes
on the Mill Mineral Claims.

For: Kelso Explorations Ltd. (NPL)

As a Professional Engineer and Geophysicist practicing in British Columbia, I have read the attached report in detail. I have found this report in good order, and that the procedures followed and the instruments used were satisfactory.

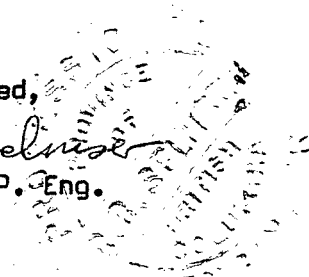
The conclusions made by the author, Ian F. Morton, as consulting geologist are clearly conceived. The only suggestion that might be made is that a residual study of the data might illustrate better the halo of magnetic high values surrounding the dunite pipes and give a more accurate target for further recommended work on this area.

I hereby certify that:

- (1) I am a graduate geophysicist.
- (2) That I have had more than twenty years' experience as a geophysicist and Professional Engineer.
- (3) That I am a Professional Engineer of British Columbia.
- (4) That I have no interest, nor do I intend to have any interest in the property reported herein.

Respectfully submitted,

Calbert B. Selmsler
Calbert B. Selmsler, P. Eng.



REPORT
on the
MAGNETIC PROSPECTING
for
DUNITE PIPES
on the
MILL MINERAL CLAIMS
of
KELSO EXPLORATIONS LTD (NPL)

By
Ian F. Morton

17/7/69

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Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 1992 MAP.....

A REPORT ON THE MAGNETIC PROSPECTING
FOR DUNITE PIPES ON THE MILL MINERAL CLAIMS OF KELSO
EXPLORATION LTD. (N.P.L)

INTRODUCTION

The magnetic prospecting of the Mill Mineral Claims was performed to check out an anomalous soil sample high obtained by Geo-X Surveys. The work and the report on it were done at the request of the principals of Kelso Explorations, Ltd, and their exploration manager Mr. Pat. Connell.

LOCATION AND ACCESS

The claims lie on the south side of Stukawhitz Creek, to the south-east of the Giant Mascot Property (near Hope, B.C.).

Ready access is available via a good gravel road following the north bank of Stukawhitz Creek, and also via a rough logging road passing along Mill Creek.

GENERAL GEOLOGY

The property lies within a group of formations forming a 50 mile wide belt parallel to the Coast Range and extending intermittently from Atlin to the south of Hope B.C.

The comprise:

The Chilliwack Group

The Curtis Granodiorite and Quartz Diorite
(Early Mesozoic)

The Coast Intrusions, The Diorite and Quartz Diorite.
(Late Mesozoic)

The basic intrusions of Dunite, Gabbro, Peridotite,
and Serpentine (Late Mesozoic)

ECONOMIC GEOLOGY AND ITS ASSOCIATED GEOPHYSICAL EFFECTS

(Ref. Geology of the Bea Claims by Ian F. Morton, The Magnetic Prospecting of the Swede Mineral Claims by Ian F. Morton; Theses by Aho, Irvine, and Poitevin)

The nickel platinum deposits appear to be related to the emplacement of the basic intrusives. The basic materials, where they occur, are usually zoned in pipe-like bodies, due perhaps to gravitational differentiation in the original magma. They vary from intermediate rocks on the periphery to more basic rocks with heavy metallic minerals in the dunite in the axis of these bodies. These heavy metals invariably increase as the magnesium content of the rock increases (Theses by Aho and G.S.C. paper by Poitevin), until they reach their highest concentration in the dunite core, which is rarely greater than 50' in diameter. The pipes are to be expected on the contact of pre-existing formations, e.g. diorite and pyroxenite (Aho).

The rocks of the dunite core are usually denser and carry less ferromagnetic accessory minerals than those found in the various zones towards the periphery of the pipe (Irwin Thesis on Duke Island). In geophysical exploration, such "pipes" would, consequently, be expected to show - on contour maps - circular or oval features whose centres produced the highest gravimetric values, and relatively low vertical magnetic values. Their peripheries would be outlined by low gravity and relatively high magnetic effects. Both magnetometer and gravity work has been performed on the not too distant Bea Mineral Claims. The gravimetric map appears to outline high density pipe-like situations of approximately 50' diameter somewhat more sharply than the associated magnetic map. The lack of resolution in the magnetic map appeared due to the distance apart of the grid lines.

PRELIMINARY OBSERVATION OF LOCAL GEOLOGY

The region appears to be covered with fairly deep overburden. The almandine biotite schist found elsewhere on the Bea and Swede Claims is, however, known to occur to the south of the area in which the work was done.

No topographic expression of geological features appears to be readily seen, and masking effects are to be expected with the amount of secondary growth present.

MAGNETIC PROSPECTING OF THE MILL MINERAL CLAIMS

INTERPRETATION

A set of closely spaced lineaments were found on the magnetic contour map which trend in an east-west direction. These very likely correspond to a system of intense fracturing.

A somewhat more widely spaced set of lineaments appears to represent a fracture series trending in a northerly direction. Other individual lineaments appear to take up various orientations between these. The overall impression is, as a consequence, that of a fairly heavily fractured area.

There are several definite pipe-like forms whose gradient is steep enough to consider as potential regions for zoned bodies with magnetic perimeters. They are present on line 2 at point B, half way between B and C, and slightly to the north of C. They occur at intersections of the magnetic linears. These, if they are fractures, may provide suitable locations for the emplacement of nickel-platinum bearing ultra-basic pipes.

It is actually quite hard without further geological and geophysical work to determine whether these "pipe-like bodies" result

from structural relief at the top of the basement rocks or from lateral change in rock susceptibility. If the structural relief situation exists, these "bodies" may correspond with topographic lows in the intrusive body; if they are due to a lateral change in rock susceptibility, they may be due to nothing more than points in the intrusive where paramagnetic disseminations are less segregated.

CONCLUSIONS

1. There is a possibility that ore-bearing dunite pipes exist along the 2 line. Notably at B, half way between B and C, and slightly to the north of C.
2. Correlation of these "bodies" should be made with a gravimetric survey.
3. Prospecting followed by geological mapping should be performed.



Ian F. Morton.
B.Sc., A.C.S.M., A.M.I.M.M.,
C.Eng.
Consulting Geologist.
17/6/69

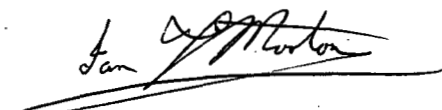
METHOD

1. Two G-100 flux gate absolute reading vertical magnetometers were rented from Saber Electronics Ltd. The internal constants of these were checked by Saber Electronics, and no difference was found to occur. One of these was used on the time base, and the other was the field instrument.
2. The time base was set up in the center of the grid area in order to pick up not only the regular diurnal effects, but also more localized ones which may be dependent on the nature of the area.
3. Watches were synchronized for time base and field operators, and checked on return of the field operator to time base at the end of the day.
4. Time base readings were taken every 10 minutes of the time the field instrument was away from time base. Time base readings were commenced 15 minutes prior to field operation and continued for 15 minutes after the return of the field magnetometer.
5. Instruments were checked against each other prior to and after field operation.
6. With the blanket of overburden, it was hard to orient the grid across any definite structure.
7. ^A north-south line was run across the area to be prospected (i.e. #1 line). Four tie lines at right angles to this were also formed -- approximately 350' apart. This was done by chain and compass.

Four lines parallel to the base line were also run.

A check line was thrown diagonally across two lines, 3 and 4.

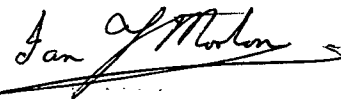
8. As each line was being run, one man advanced with the chain and flags. The field operator holding the other end of the chain until a 200' flag had been emplaced. The field operator then took readings every 50' along the chain.
9. The magnetometer readings were taken facing magnetic north.
10. All readings were corrected for diurnal variation with 54,030 γ as the datum level.
11. For the purpose of plotting, only relative values above 51,000 γ absolute were used.
12. Contours are plotted at every 100 γ



Ian F. Morton.
Consulting Geologist.

COST OF WORK PERFORMED

Magnetometer Rental	\$100.00
Land Rover Rental	\$ 62.50
Gas and Oil	\$ 11.20
Food and lodging for 3-man crew	\$ 80.12
Wages -Operator @ \$30/day (4 field days and 1 day travelling)	\$150.00
-2 Assistants @ \$20/day(") (one for time base;one for chaining and navigation;both for line cutting)	\$200.00
Miscellaneous Expenses (Tape,Stakes,tags,etc.)	\$ 19.31
Power Saw Rental	\$ 25.00
Geologist's report,interpretation and typing (@ \$200 per day)involving 3 days.	\$600.00
Draughting (@ \$20 per day)for 3 days.	<u>\$ 60.00</u>
Total	<u>\$1308.23</u>




Ian F.Morton.
Consulting Geologist.

CERTIFICATE

I hereby certify that:

1. I am a graduate in Mining Engineering from the Camborne School of Mines, Cornwall.
2. I am a graduate from the University of British Columbia with majors in geology and biology.
3. I am an Associate Member of the Institution of Mining and Metallurgy (London).
4. I am a Chartered Engineer registered with the Council of Engineering Institutions of the United Kingdom.
5. All reference to the Kelso property has been derived from work performed by myself and my field crew, from my working knowledge of the area, from maps and reports of the property and the surrounding area, and from discussion with other geologists in the area. The theses of Aho, Irvin, and the report by Poitevin have been very useful in deciding field procedures.
6. I have no interest, nor do I intend to have, in the company for whom this report is written.


Ian F. Morton
B.Sc., A.C.S.M., A.M.I.M.M., C.Eng.
Consulting Geologist.

6/24/69 ③
TIME BASE

TIME	READING
33. 4:20 ✓	54090
34. 4:30 ✓	54090
35. 4:40 ✓	54100
36. 4:50 ✓	54240
37. 5:00 ✓	54100
38. 5:10 ✓	54110
39. 5:20 ✓	54200
40. 5:30 ✓	54140
41. 5:40 ✓	54150
42. 5:50 ✓	54190
43. 6:00 ✓	54180
44. 6:10 ✓	54200
45. 6:20 ✓	54160
46. 6:30 ✓	54160
47. 6:40 ✓	54170
48. 6:50 ✓	54210

①
TIME BASE 6/24/69

TIME	READING
1. 11:00 ✓	54240
2. 11:10 ✓	54220
3. 11:20 ✓	54240
4. 11:30 ✓	54240
5. 11:40 ✓	54130
6. 11:50 ✓	54170
7. 12:00 ✓	54150
8. 12:10 ✓	54120
9. 12:20 ✓	54040
10. 12:30 ✓	54120
11. 12:40 ✓	54150
12. 12:50 ✓	54180
13. 1:00 ✓	54140
14. 1:10 ✓	54150
15. 1:20 ✓	54130
16. 1:30 ✓	54100

④

6/24/69
TIME BASE

TIME	READING
49. 7:00	54180
50. 7:10 ⁺	54200
	54190
	54170

②

6/24/69
TIME BASE

TIME	READING
17. 1:40 ✓	54090
18. 1:50 ✓	54100
19. 2:00 ✓	54130
20. 2:10 ✓	54080
21. 2:20 ✓	54110
22. 2:30 ✓	54130
23. 2:40 ✓	54140
24. 2:50 ✓	54120
25. 3:00 ✓	54130
26. 3:10 ✓	54110
27. 3:20 ✓	54170
28. 3:30 ✓	54320
29. 3:40 ✓	54180
30. 3:50 ✓	54150
31. 4:00 ✓	54130
52. 4:10 ✓	54110

#2 TIME BASE 6/25/69

TIME	READING
1 11:00	54220
2 11:10	54040
3 11:20	54260
4 11:30	54210
5 11:40	54160
6 11:50	54210
7 12:00	54090
8 12:10	54040
9 12:20	54090
10 12:30	54090
11 12:40	54130
12 12:50	54260
13 1:00	54170
14 1:10	54160
15 1:20	54220

6/25/69
TIME LEASE

TIME	READING
37 410	54160
38 420	54160
39 430	54140
40 440	54150
41 450	54160
42 460	54240
43 470	54090
44 480	54050
45 490	54160
46 500	54180
47 510	54130
48 520	54200
49 530	54240
50 540	54160
51 550	54210
52 560	54170
53 570	54170
54 580	54170
55 590	54170
56 600	54170
57 610	54170
58 620	54170
59 630	54170
60 640	54170
61 650	54170
62 660	54170
63 670	54170
64 680	54170
65 690	54170
66 700	54170
67 710	54170
68 720	54170
69 730	54170
70 740	54170
71 750	54170
72 760	54170
73 770	54170
74 780	54170
75 790	54170
76 800	54170
77 810	54170
78 820	54170
79 830	54170
80 840	54170
81 850	54170
82 860	54170
83 870	54170
84 880	54170
85 890	54170
86 900	54170
87 910	54170
88 920	54170
89 930	54170
90 940	54170
91 950	54170
92 960	54170
93 970	54170
94 980	54170
95 990	54170

6/25/69
TIME BASE

TIME	READING
✓ 16 130	54030
✓ 17 140	54090
✓ 18 150	54000
✓ 19 200	54050
✓ 20 210	54110
✓ 21 220	54080
✓ 22 230	54160
✓ 23 240	54180
✓ 24 250	54160
✓ 25 200	54070
✓ 26 310	54150
✓ 27 320	54160
✓ 28 330	54140
✓ 29 340	54100
✓ 30 350	54110
✓ 31 360	54110

6/25/69
TIME BASE

TIME	READING
650	
700	
710	

TIME BASE 4/26/69

TIME	READING
31 300 ✓	54140
32 310 ✓	54210
33 320 ✓	54190
34 330 ✓	54210
35 340 ✓	54170
36 350 ✓	54150
37 400 ✓	54180
38 410 ✓	54230
39 420 ✓	54200
40 430 ✓	54200
41 440 ✓	54240
42 450 ✓	54240
43 500 ✓	54230
44 510 ✓	54240
45 520 ✓	54250

TIME BASE 6/26/69

TIME	READING
1. 1000 ✓	54140
2. 1010 ✓	54150
3. 1020 ✓	54140
4. 1030 ✓	54140
5. 1040 ✓	54130
6. 1050 ✓	54170
7. 1100 ✓	54130
8. 1110 ✓	54160
9. 1120 ✓	54140
10. 1130 ✓	54130
11. 1140 ✓	54140
12. 1150 ✓	54190
13. 1200 ✓	54190
14. 1210 ✓	54170
15. 1220 ✓	54130

TIME	BASE	6/26/69	READING
46	5:30		
47	5:40		
48	5:50		
49	6:00		
50			

TIME	BASE	6/26/69	READING
1.	10:00 ✓		54140
2.	10:10 ✓		54150
3.	10:20 —		54140
4.	10:30 —		54140
5.	10:40 ✓		54130
6.	10:50 ✓		54170
7.	11:00 ✓		54130
8.	11:10 ✓		54160
9.	11:20 ✓	(12)	54140
10.	11:30 —		54130
11.	11:40 ✓		54140
12.	11:50 ✓		54140
13.	12:00 ✓		54140
14.	12:10 —		54170
15.	12:20 —		54130



MAG. NOTES
 GEO-X SURVEYS LTD. Prop. _____ Date June 24/19 Pg. 1
 627 HORNBY STREET, VANCOUVER 1, B.C. Job #. _____ Operator _____ Of. _____

Line X	Sta. Y	Read	Scale	Time	Gammas	Cor.	Final Z	Remarks
	A1	52368		12:20		10	52290	
	+50	52440		12:30		190	53350	
	+100	53080		12:34		101	54979	
	+150	54920		12:38		111	54809	
	A2	53807		12:46		133	53667	
	+50	53160		12:52		137	53023	
	+100	53260		12:55		134	53126	
	+150	53140		1:00		114	53126	
	A3	53080		1:04		113	52967	
	+50	53100		1:17		104	52996	



MAG. NOTES
 GEO-X SURVEYS LTD. Prop. _____ Date June 24/19 Pg. 2
 627 HORNBY STREET, VANCOUVER 1, B.C. Job #. _____ Operator _____ Of. _____

Line X	Sta. Y	Read	Scale	Time	Gammas	Cor.	Final Z	Remarks
	A4	53740		1:20		-98	53642	
	+150	53640		1:24		-98	53552	
	A4	53880		1:33		-68	53812	
	+50	53360		1:47		-66	53294	
	+100	53760		1:50		-69	53691	
	+150	52900		1:53		-74	52826	
	A5	54840		2:00		-100	54740	
	+50	53780		2:08		-65	53715	
	+100	53800		2:12		-50	53750	
	+150	53660		2:15		-58	53602	



MAG. NOTES
 GEO-X SURVEYS LTD. Prop. _____ Date June 24/19 Pg. 3
 627 HORNBY STREET, VANCOUVER 1, B.C. Job #. _____ Operator _____ Of. _____

Line X	Sta. Y	Read	Scale	Time	Gammas	Cor.	Final Z	Remarks
	A6	53850		2:18		-65	53785	
	+50	54070		2:30		-100	53900	
	+100	53410		2:33		-103	53297	
	+150	53180		2:36		-106	53074	
	A7	52900		3:30		-236	52564	
	+50	53070		3:40		-146	52854	
	+100	52880		3:45		-126	52754	
	+150	52900		3:49		-122	52778	
	A8	52680		3:55		-118	52562	



MAG. NOTES
 GEO-X SURVEYS LTD. Prop. _____ Date June 24/19 Pg. 4
 627 HORNBY STREET, VANCOUVER 1, B.C. Job #. _____ Operator _____ Of. _____

Line X	Sta. Y	Read	Scale	Time	Gammas	Cor.	Final Z	Remarks
	A9	52940		4:05		-82	52858	
	+100	52670		4:10		-69	52601	
	+150	53040		4:13		-66	52974	
	A9	52070		4:23		-58	52942	
	+50	52820		5:00		-70	52750	
	+100	52280		5:03		-73	52207	
	+150	52580		5:07		-77	52503	
	A10	52750		5:14		-127	52623	
	+50	52450		5:20		-163	52287	

Field Sheets

WORK PERFORMED JUNE 24/69



GEO-X SURVEYS LTD.
627 HORNBY STREET, VANCOUVER 1, B.C.

MAG. NOTES

Prop. _____ Date June 24/69 Pg. 5
Job #. _____ Operator _____ Of. _____

Line X	Sta. Y	Read	Scale	Time	Gammas	Cor.	Final Z	Remarks
	10 ⁺	52540		5:25		-134	52406	
	+15	52460		5:40		-120	52340	
S ↓	11	52380		5:45		-142	52238	
	+50	52340		5:51		-160	52180	
V ↓	+100	52580		5:55		-156	52424	
	+150	52460		5:59		-151	52309	
	12	52320		6:02		-155	52165	
	+50	52980		6:04		-157	52823	
	+100	52320		6:07		-162	52158	



GEO-X SURVEYS LTD.
627 HORNBY STREET, VANCOUVER 1, B.C.

MAG. NOTES

Prop. _____ Date June 24/69 Pg. 7
Job #. _____ Operator _____ Of. _____

Line X	Sta. Y	Read	Scale	Time	Gammas	Cor.	Final Z	Remarks
	15	54040 52260		6:50		-173	53867	Not Plotted
	15	54150		7:00		-140	54040	
	+50	53920		7:10		-131	53889	
	+100	53750		7:15		-157	53593	
N ↓	+150	54070		7:19		-184	54886	
V ↓	16	53820		7:22		-143	53677	
	+50	53680		7:29		-8	53572	
	+100	53920		7:33		-29	53891	
	+150	53960		7:36		-41	53919	



GEO-X SURVEYS LTD.
627 HORNBY STREET, VANCOUVER 1, B.C.

MAG. NOTES

Prop. _____ Date June 24/69 Pg. 6
Job #. _____ Operator _____ Of. _____

Line X	Sta. Y	Read	Scale	Time	Gammas	Cor.	Final Z	Remarks
	12	52420		6:08		-160	52260	
	13	52300		6:13		-155	52145	
N ↓	+50	51980		6:18		-138	51842	
	+100	52200		6:22		-126	52074	
V ↓	+150	52100		6:25		-126	51874	
	14	52420		6:30		-129	52291	Not Plotted
	+50	52550		6:38		-137	52413	
	+100	54020		6:42		-145	53875	
	+150	54140		6:46		-157	53983	



GEO-X SURVEYS LTD.
627 HORNBY STREET, VANCOUVER 1, B.C.

MAG. NOTES

Prop. _____ Date June 25/69 Pg. 8
Job #. _____ Operator _____ Of. _____

Line X	Sta. Y	Read	Scale	Time	Gammas	Cor.	Final Z	Remarks
N ↓	17	54050		7:38		-51	53999	
	+50	53860		7:42		-53	53807	
V ↓	+100	54050		7:40		-46	54034	
	+150	53950		7:47		-34	53916	
	18	53860		7:52		-27	53833	
	+50	53920		7:56		-24	53896	
	+100	53890		7:57		-21	53869	
	+150	53780		8:03		-35	53745	

Field Sheets

WORK PERFORMED JUNE 24-25/69



MAG. NOTES
GEO-X SURVEYS LTD.
627 HORNBY STREET, VANCOUVER 1, B.C.

MAG. NOTES

Prop. _____ Date JUNE 25/69 Pg. 9
Job #. _____ Operator _____ Of. _____

Line X	Sta. Y	Read	Scale	Time	Gamm	Cor.	Final Z	Remarks
	A 18	53840		2:45		-138	53702	Not Plotted
	+50	54200	?	2:55		-76	54224	
	+100	54460	?	2:59		-46	54414	
	-150	53760		3:04		-77	53683	
	A 19	53830	✓ 3.45/3.07	2:58.5			53733	?
	+50	53640		3:40		-79	53561	
	-100	53660		3:53		-84	53576	
	+100	53780		3:56		-70	53710	
	A 20	53800		4:00		-86	53720	



MAG. NOTES
GEO-X SURVEYS LTD.
627 HORNBY STREET, VANCOUVER 1, B.C.

MAG. NOTES

Prop. _____ Date JUNE 25/69 Pg. 11
Job #. _____ Operator _____ Of. _____

Line X	Sta. Y	Read	Scale	Time	Gamm	Cor.	Final Z	Remarks
	A 22 +100	54450		4:46		-126	54324	
	-150	54320		4:49		-128	54192	
	A 23	54420		4:54		-159	54261	
	+50	54120		5:01		-179	53841	
	-100	54620		5:05		-127	53873	
	+150	54380		5:08		-95	54285	
	A 24	54500		5:30		-130	54370	A 24 - 54500 6:10 PM Not Plotted



MAG. NOTES
GEO-X SURVEYS LTD.
627 HORNBY STREET, VANCOUVER 1, B.C.

MAG. NOTES

Prop. _____ Date JUNE 25/69 Pg. 10
Job #. _____ Operator _____ Of. _____

Line X	Sta. Y	Read	Scale	Time	Gamm	Cor.	Final Z	Remarks
	A 20 +50	54000		4:10		-130	53870	
	+100	53500		4:12		-137	53663	
	+150	54000		4:15		-150	53850	
	A 21	53840		4:20		-129	53711	
	+50	53670		4:24		-122	53549	
	+100	53900		4:26		-117	53783	
	+150	53780		4:30		-109	53671	
	A 22	53810		4:34		-114	53696	
	+50	53730		4:42		-122	53798	



MAG. NOTES
GEO-X SURVEYS LTD.
627 HORNBY STREET, VANCOUVER 1, B.C.

MAG. NOTES

Prop. _____ Date JUNE 26/69 Pg. 13
Job #. _____ Operator _____ Of. _____

Line X	Sta. Y	Read	Scale	Time	Gamm	Cor.	Final Z	Remarks
	A 24	54510		10:15		-119	54391	Not Plotted E A 13
	+50	54020		10:19		-111	53909	A 13 correction 53840
	+100	54160		10:21		-118	54042	
	+150	54100		10:23		-117	53883	10:26 11:17
	A 24 +50	53980		10:34		-104	53776	
	+100	53860		10:39		-110	53750	
	+150	53900		10:41		-113	53787	
	A 25	53780		10:50		-139	53641	line 5 N. 26.6
	+50	53850		10:57		-123	53727	

Field Sheets

WORK PERFORMED JUNE 25-26/69



MAG. NOTES
 GEO-X SURVEYS LTD.
 627 HORNBY STREET, VANCOUVER 1, B.C.

Prop. _____ Date June 26/69 Pg. 13
 Job #. _____ Operator _____ Of. _____

Line X	Sta. Y	Read	Scale	Time	Gammas	Cor.	Final Z	Remarks
	25+100	53960		11:01		-112	53788	
	+150	53860		11:03		-117	53743	
	26	53920		11:10		-129	53791	
	+50	54060		11:20		-111	53949	Cross Road
	+100	53890		11:25		-114	53776	EL 31
	+950	53820		11:29		-110	53810	
	27	53980		11:32		-113	53867	
	+50	54020		11:40		-109	54091	
	+100	54050		11:42		-114	53936	



MAG. NOTES
 GEO-X SURVEYS LTD.
 627 HORNBY STREET, VANCOUVER 1, B.C.

Prop. _____ Date June 26/69 Pg. 15
 Job #. _____ Operator _____ Of. _____

Line X	Sta. Y	Read	Scale	Time	Gammas	Cor.	Final Z	Remarks
	30	53840		12:23		-113	53727	
	+50	53810		12:29		-123	53687	
	+100	53850		12:31		-133	53747	
	+150	53760		12:33		-151	53609	
	10	53590		12:37		-193	53697	



MAG. NOTES
 GEO-X SURVEYS LTD.
 627 HORNBY STREET, VANCOUVER 1, B.C.

Prop. _____ Date June 26/69 Pg. 14
 Job #. _____ Operator _____ Of. _____

Line X	Sta. Y	Read	Scale	Time	Gammas	Cor.	Final Z	Remarks
	27+150	53800		11:46		-147	53653	
	28	53820		11:50		-150	53680	
	+50	53500		11:55		-131	53669	cross 1021
	+100	53540		11:58		-114	53726	
	+150	53860		12:03		-121	53739	
	29	53890		12:07		-138	53752	
	+50	53860		12:11		-140	53720	cross 20
	+100	53820		12:15		-125	53695	
	+150	53740		12:17		-115	53625	



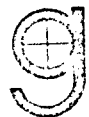
MAG. NOTES
 GEO-X SURVEYS LTD.
 627 HORNBY STREET, VANCOUVER 1, B.C.

Prop. _____ Date June 26/69 Pg. 16
 Job #. _____ Operator _____ Of. _____

Line X	Sta. Y	Read	Scale	Time	Gammas	Cor.	Final Z	Remarks
	14+150	54110		2:15		-156	53944	LINE B
	+50	53860		2:25		-193	53667	cross 3.
	+100	54350		2:29		-174	54176	
	+150	54080		2:32		-164	53916	
	10+50	54150		2:39		-132	54245	LINE 2 Not Plotted
	+50	54250		2:50		-168	54082	
	+100	54260		2:55		-145	54155	
	+150	54340		3:00		-109	54231	
	17	53860		3:03		-126	53734	LINE 1 Not Plotted

Field Sheets

WORK PERFORMED JUNE 26/69



MAG. NOTES

GEO-X SURVEYS LTD. Prop. _____ Date June 26/16 Pg. 17
627 HORNBY STREET, VANCOUVER 1, B.C. Job #. _____ Operator _____ Of. _____

Line X	Sta. Y	Read	Scale	Time	Gammas	Cor.	Final Z	Remarks
	114+50	54100		3:35		-167	53933	Not Plotted
	+50	54220		3:32		-168	54052	same
	+100	54350		3:34		-164	54116	
	+150	54230		3:37		-145	54205	Line Not Plotted
2+50	523+50	54300		3:40		-139	54161	Line Not Plotted
	+50	54140		3:45		-128	54012	
	+100	54080		3:47		-124	53956	
	+150	53960		3:50		-119	53841	
	26+50	53960		3:53		127		Line Not Plotted



MAG. NOTES

GEO-X SURVEYS LTD. Prop. _____ Date June 26/16 Pg. 19
627 HORNBY STREET, VANCOUVER 1, B.C. Job #. _____ Operator _____ Of. _____

Line X	Sta. Y	Read	Scale	Time	Gammas	Cor.	Final Z	Remarks
	116+50	54360		4:44		-217	54143	Line Not Plotted
	+50	54200		4:48		-212	54088	
	+100	53960		4:50		-209	53691	u
	+150	53930		4:53		-207	53323	
1+50	19+50	53500		4:55		-204	53686	Line 2 Not Plotted
	+50	53400		5:00		-199	53701	
	+100	53370		5:04		-203	53717	
	+150	53360		5:07		-207	53653	
	24+50	53390		5:10		-209	53781	Line 1 Not Plotted



MAG. NOTES

GEO-X SURVEYS LTD. Prop. _____ Date June 26/16 Pg. 18
627 HORNBY STREET, VANCOUVER 1, B.C. Job #. _____ Operator _____ Of. _____

Line X	Sta. Y	Read	Scale	Time	Gammas	Cor.	Final Z	Remarks
	116+50	54350		4:05		-170	54210	Not plotted Line 5
	+50	55110		4:10		-209	54991	
	+100	54000		4:13		-186	53814	u
	+150	53840		4:16		-173	53667	u
20+150	122+50	53840		4:19		-163	53677	Line Not Plotted
	+50	53700		4:26		-145	53755	
	+100	54160		4:28		-152	54008	
	+150	54000		4:30		-159	53841	
END	128+50	53890		4:32		-170	53720	Line Not Plotted



MAG. NOTES

GEO-X SURVEYS LTD. Prop. _____ Date June 27/16 Pg. 20
627 HORNBY STREET, VANCOUVER 1, B.C. Job #. _____ Operator _____ Of. _____

Line X	Sta. Y	Read	Scale	Time	Gammas	Cor.	Final Z	Remarks
	24	53600		10:30		-90	53510	same as
EAST	+50	53700		10:25		-85	53615	
WEST	+50	53520		10:27		-83	53437	
	+50	53480		10:30		-80	53400	

Field Sheets

WORK PERFORMED JUNE 26-27/69



MAG. NOTES

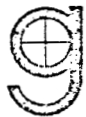
GEO-X SURVEYS LTD.

627 HORNBY STREET, VANCOUVER 1, B.C.

Prop. _____ Date June 27/89 Pg. 21

Job #. _____ Operator _____ Of. _____

Line X	Sta. Y	Read	Scale	Time	Gammas	Cor.	Final Z	Remarks
	A 16	53900		11:09		-93	53907	Not Plotted
	250	54200		11:11		-98	54102	DIAGONAL
	+117	54180		11:14		-92	54088	
	+150	53810		11:16		-88	54722	ZINE
	+200	54000		11:19		-82	53918	
	+250	53500		11:21		-81	53419	
	+300	53700		11:23		-86	53634	
	+350	53700		11:25		-91	53669	
	+400	53750		11:27		-87	53663	



MAG. NOTES

GEO-X SURVEYS LTD.

627 HORNBY STREET, VANCOUVER 1, B.C.

Prop. _____ Date June 27/89 Pg. 22

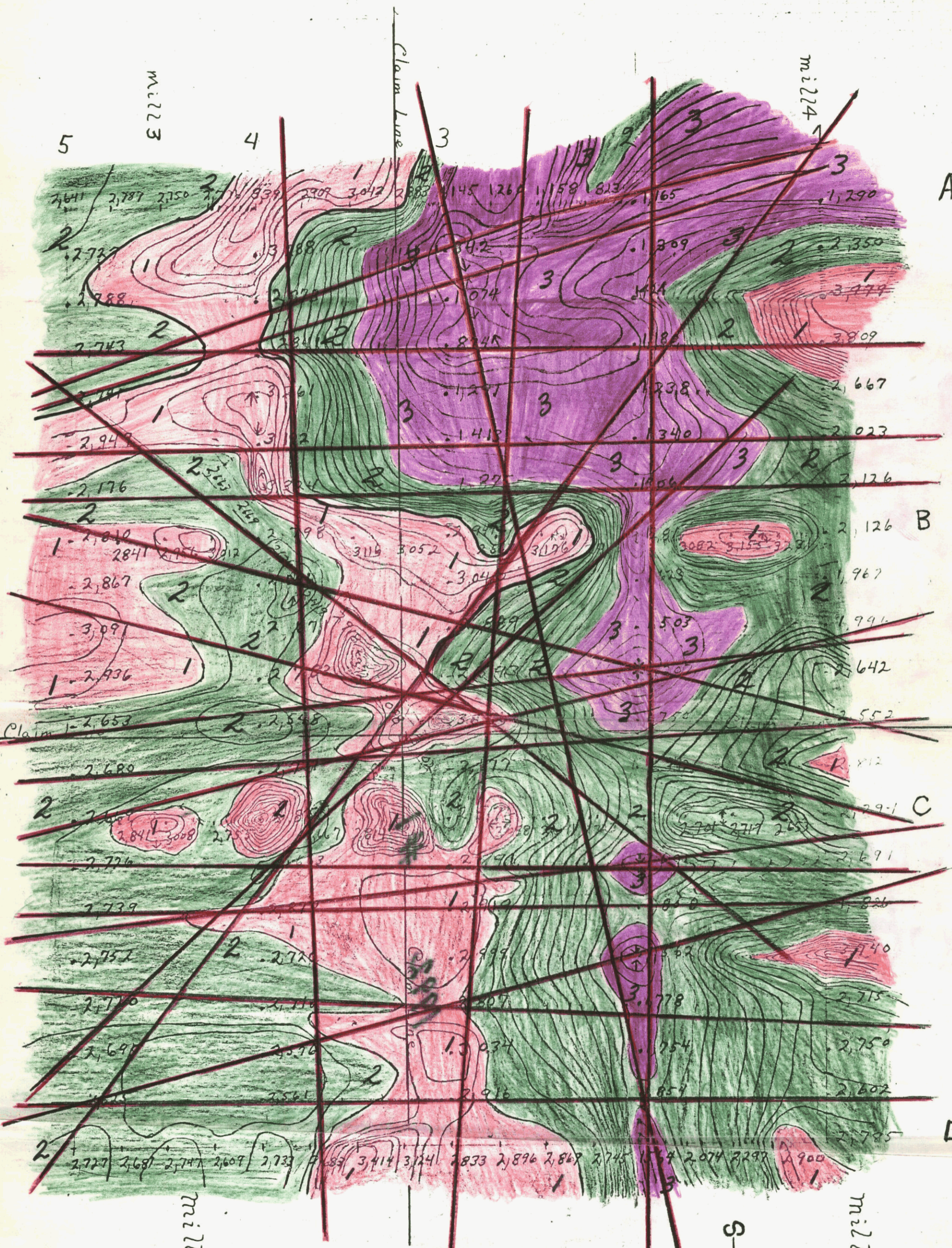
Job #. _____ Operator _____ Of. _____

Line X	Sta. Y	Read	Scale	Time	Gammas	Cor.	Final Z	Remarks
	A 18	53800		11:45		-36	53764?	Pinning Point
	F 50	53800		11:47		-44	53836?	
	+100	54000	5:116	11:53	11:53	-64	54736?	RETAKE
	+150	53500		11:55		-70	53570?	

Field Sheets

JUNE 27/69

APPENDIX



- 1 Above 2,800 gammas
- 2 1,800 to 2,800 gammas
- 3 Below 1,800 gammas

scale: 1" = 100'

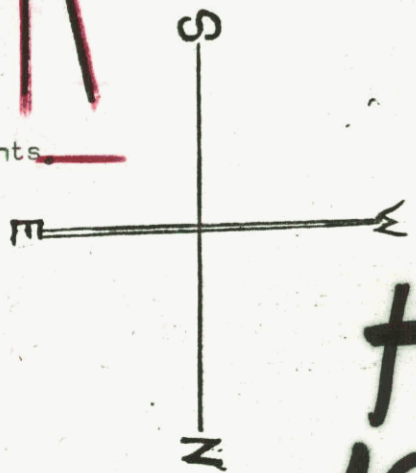
100 gamma contours

Lineaments

Magnetic Contour Map From Prospecting for Dunite Nickel-bearing Pipes

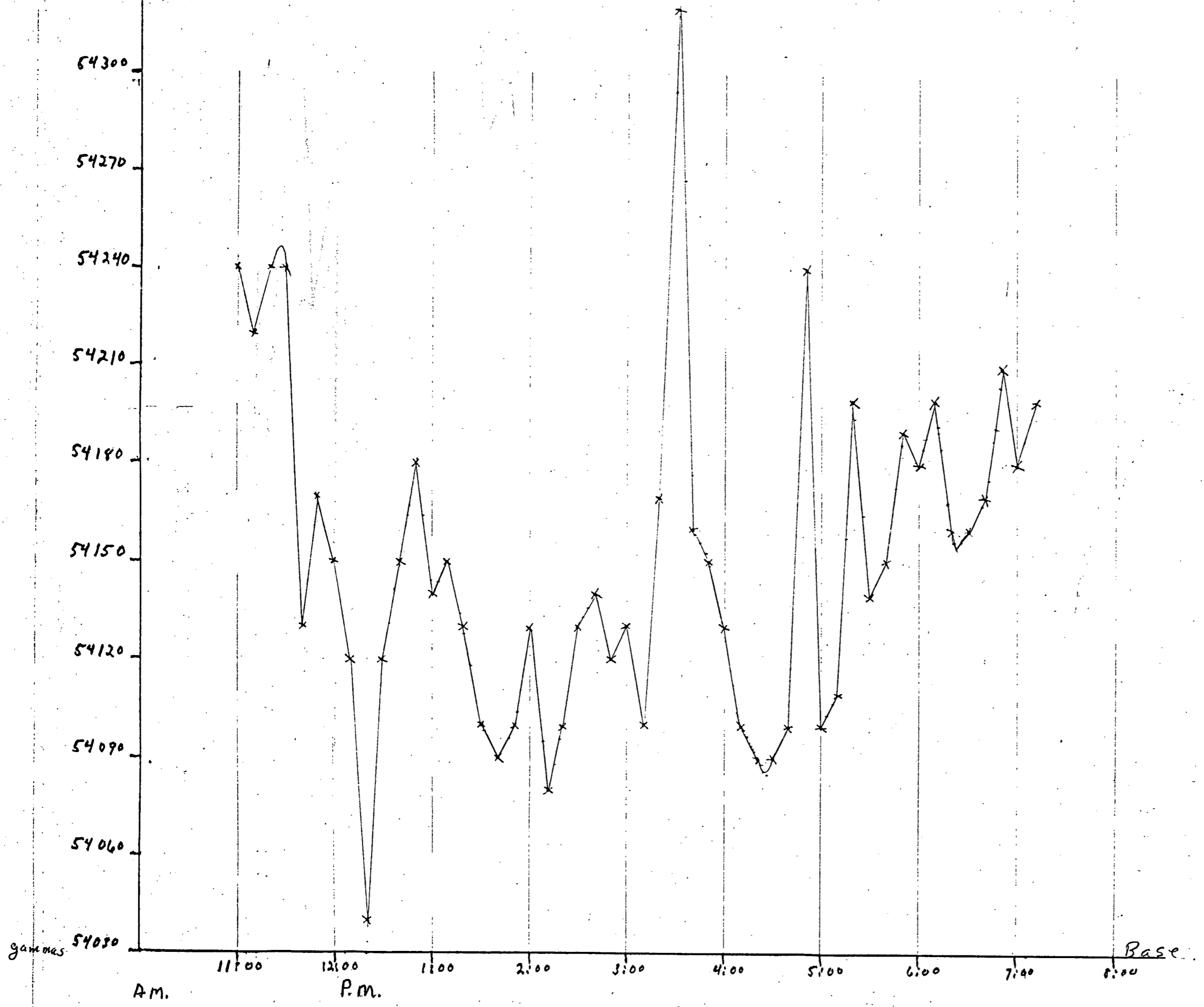
Kelso property, near Hope, B. C. July 17, 1969

Drafted By L. W. Dambrosky



~~1993~~
1992

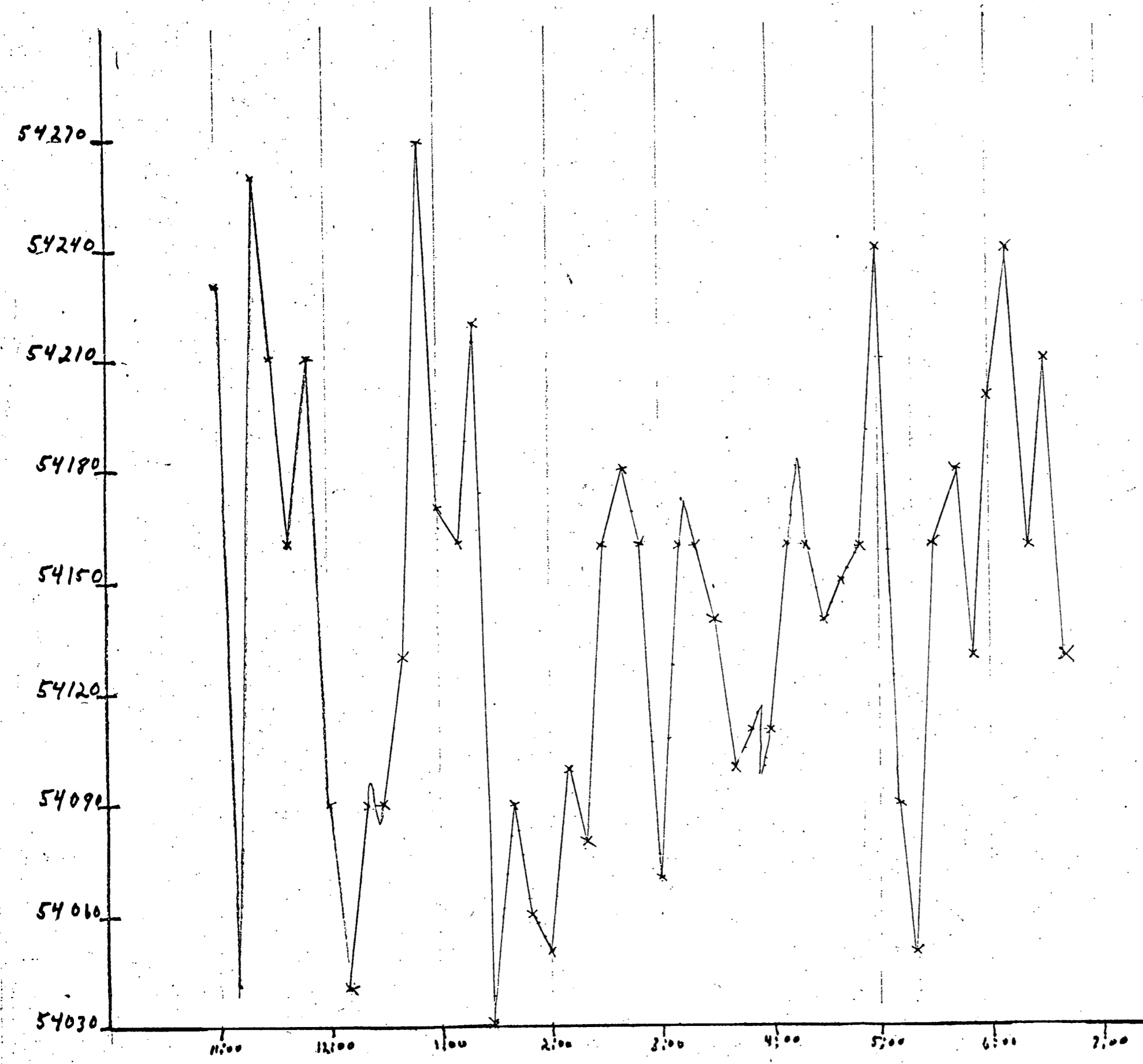
24/01/69 Plot of
Time Base Readings
for
Diurnal Corrections



1992
~~1993~~

Plot of
Time Base Readings
for
Diurnal Corrections

25/6-169

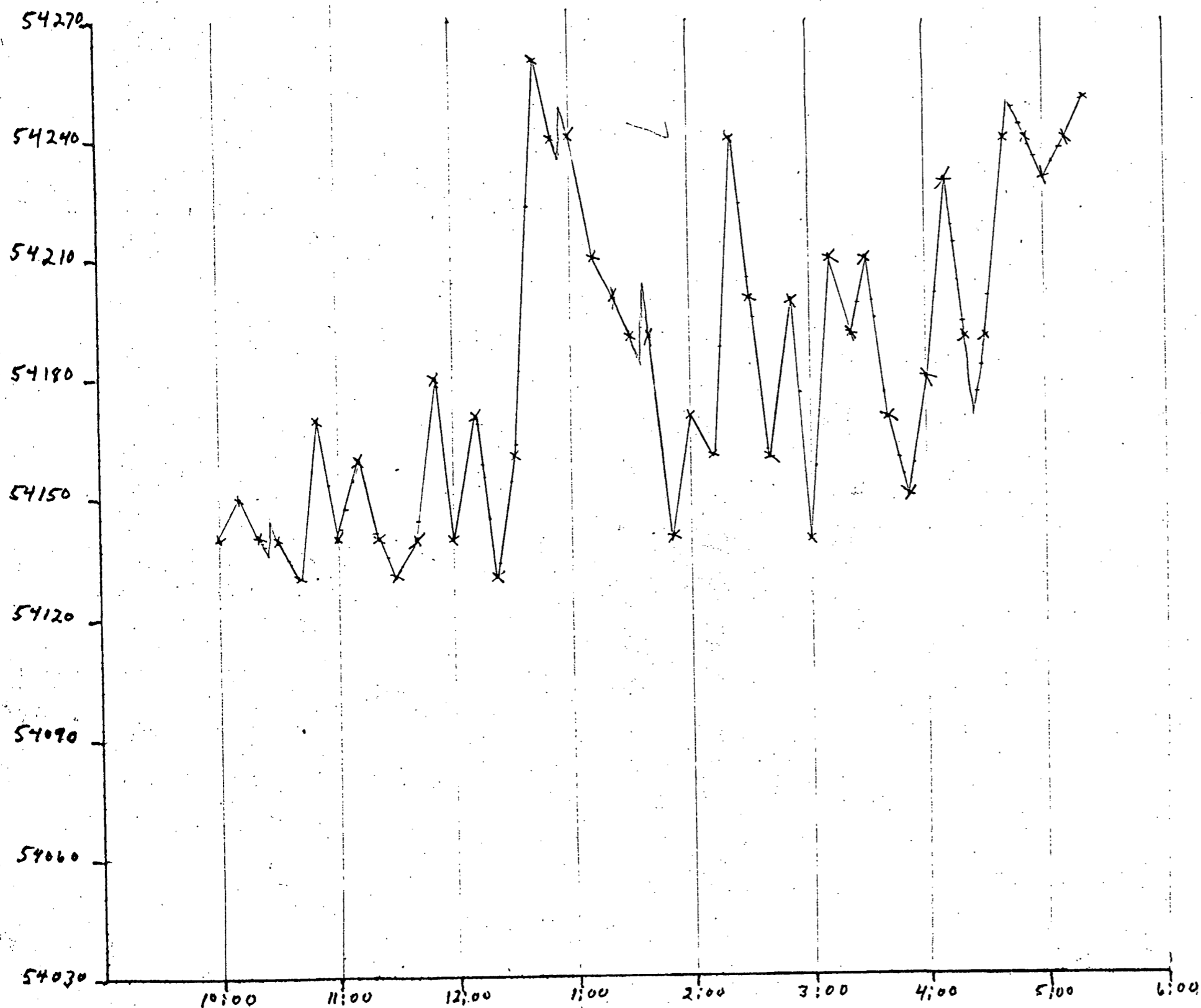


1992
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Base

26 | 6.14.9

Plot of
Time Base Readings
for
Diurnal Corrections

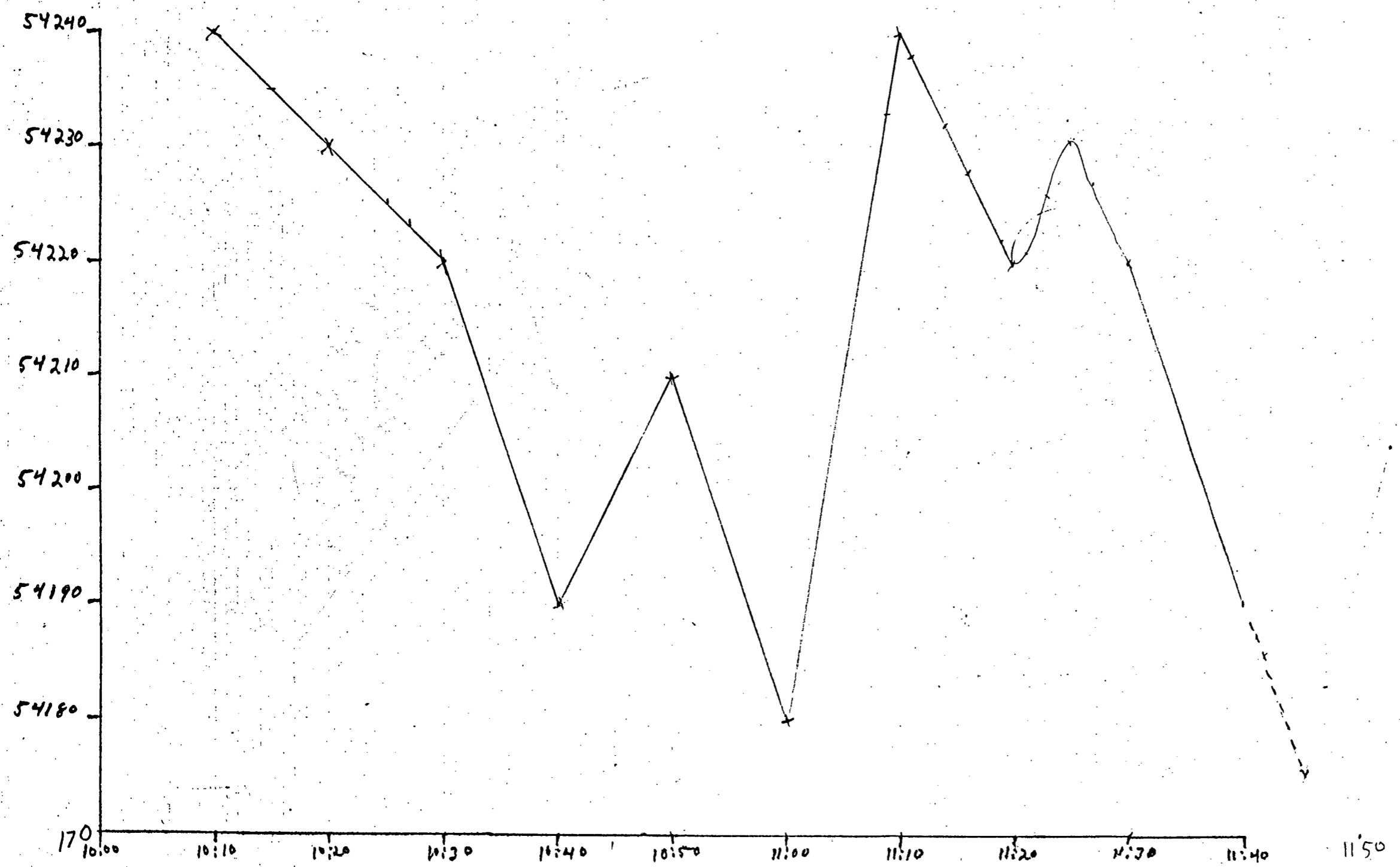


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27/6/69

Plot of
Time Base Readings
for
Diurnal Corrections



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