

84-#288-12223

3

PROSPECTING REPORT

R1, R2, R4 & R5

RECORD NUMBERS

2349(3), 2350(3), 2352(4) & 2353(4)

RUTHERFORD CREEK AREA

LILLOOET MINING DIVISION

92 J 6/E

50°17', 123°01'

OWNER - JAMES G. McDONALD

by: J. McDonald

March 1984

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

12,223

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MAPS

Map 1 - VLF-EM16 data in folder in back

LOCATION

The R1-R2-R4-R5 Group is situated ten km west of Highway 99 bridge which crosses Rutherford Creek.

ACCESS

A logging road follows Rutherford Creek from Highway 99 and traverses the R Group.

HISTORY

A geological map was published by the G.S.C. of 482 B.C.D.M. Geochemical Survey 92J. A geological report has been recorded as assessment work on the G.L. claim in 1978 - Report #7648 & 6976.

PROCEDURE

3 prospect trenches were blasted for a total of 6m³ and 8 km VIF-EM16 were conducted along logging roads and parallel to roads and Rutherford Creek.

ITEMIZED COST STATEMENT

Equipment Operator - 5 days.....	\$ 625.00
1 Prospector - 5 days.....	750.00
Report.....	125.00
Cobre Rental.....	100.00
Gas, etc.....	20.00
Truck Rental - 5 days.....	400.00
(All inclusive - gas, etc.)	
Room & Board - 8 x \$50.....	400.00
Forcite, caps, b-line.....	308.00
Overhead (Telephone, etc.).....	<u>140.00</u>
	<u>\$2,968.00</u>

GLACIER

PAKA 5
1843(9) C
(DN+SW)

PAKA 6
1844(9) C
(DN+SE)

78017 78018

PAKA 1
1587(11)
(DN+SW) C

PAKA 2
1588(11)
(DN+SE) C

MISHKA
1552(10)
34883(4) (SW)

PAKA 1
2014(11)
(DN+SW)

PAKA 2
2013(11)
(DN+SE)

78914
24881
76015
24882

PAKA 3
2016(11) C

PAKA 3
1635(12)
(SE+SW)

PAKA 4
2017(11)
(SE+NE) C

R 4
2352(4)
(4N+SW) C

R 5
2353(4)
(4N+SE)

R 1
2349(3)
(SE+SW)

R 2
2350(3)
(SE+SW)

ALSO
RED 38
1574(10)
SW+SW
(950&)

YD
1394(4)
(8N+SW)

GL 2
526(6)

GL

552
(9)

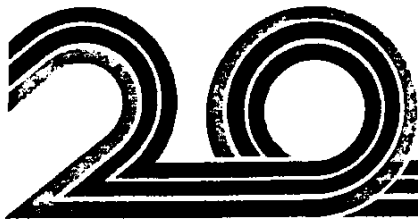
GL 4
528(6)

S00 1
1391(4)

S00 2
1392(4)

1395(4)
(8N+SW)

50 15



March 22, 1984

Department of Energy,
Mineral and Petroleum Resources
of British Columbia

To whom it may concern,

I am a professional Engineer registered in the province of British Columbia. I have been involved in mineral exploration for the last 10 years. Currently I teach geophysics at B.C.I.T. as well as being self employed in the mineral exploration field as a consultant.

I have personally trained Marco Romero in the use of VLF-Electromagnetic systems, including theory, field operation and plotting procedures. Marco Romero is thus a competent geophysical field technician.

sincerely,

Frank DiSpirito B.A.Sc., P.Eng.

$\frac{1\ 9\ 6\ 4}{1\ 9\ 8\ 4}$

"looking to the future ... for 20 years"

March 20th 1984

Marc A. Romero
4891 Northlawn drive
Burnaby, B.C. V5C 3S2

for James G Mc Donald

RUTHERFORD CREEK B.C.

VLF-EM SURVEY

VLF-EM Survey

- conducted March 16TH and 17TH 1984
- Transmission station: Seattle (16.8 khz)
- Instrument: Sabre Model #27
- Operator and plotter: Marco A. Romero
- General orientation of lines: EAST-West

Ground conditions:

- Lines 1, 2, 3, 6 and 10 - On road with dirt surface; wet and muddy.
- Lines 4, 5, 7, 8 and 9 - On snow. Thickness varying between 30 cm. and perhaps more than 200 cm.

Topography: There were no major features or changes in topography encountered on the lines. Elevations were fairly constant with all lines roughly parallel to Rotherford creek.

Weather: Consistently cloudy with rain and some sleet. Temperatures ranged between 3°C and 10°C.

Note: Overharden was covering all the ground covered by the lines.

Outcrops: A series of outcrops were seen on road cuts along lines 1, 2 and 3. As requested, I recorded the dip and strike that prevailed among the numerous fractures, faults and intrusions.

Line	Station	DIP	STRIKE
1	1+40	15° E	S 35 W
	1+60	15° E	S 15 W
	2+40	05° E	S 05 E
	2+60	10° E	S 05 W
	2+80	30° E	S 30 W
2	3+40	15° E	S 20 E
	3+60	20° E	S 25 W
	3+80	35° E	S 35 W
	4+00	05° W	S 20 W
	4+20	20° E	S 15 W
	4+40	10° E	S
	5+60	05 E	S 10 W
	5+80	10 E	S 15 W
	6+20	05 W	S 05 E
3	0+20	20° E	S 05 E
	0+60	10° E	S 10 W
	0+80	15° W	S 10 W

Compiled and completed
March 20th 1984

Marcus R. Homere



METRIC

Station (meters)

END OF LINE

traps crossover

West

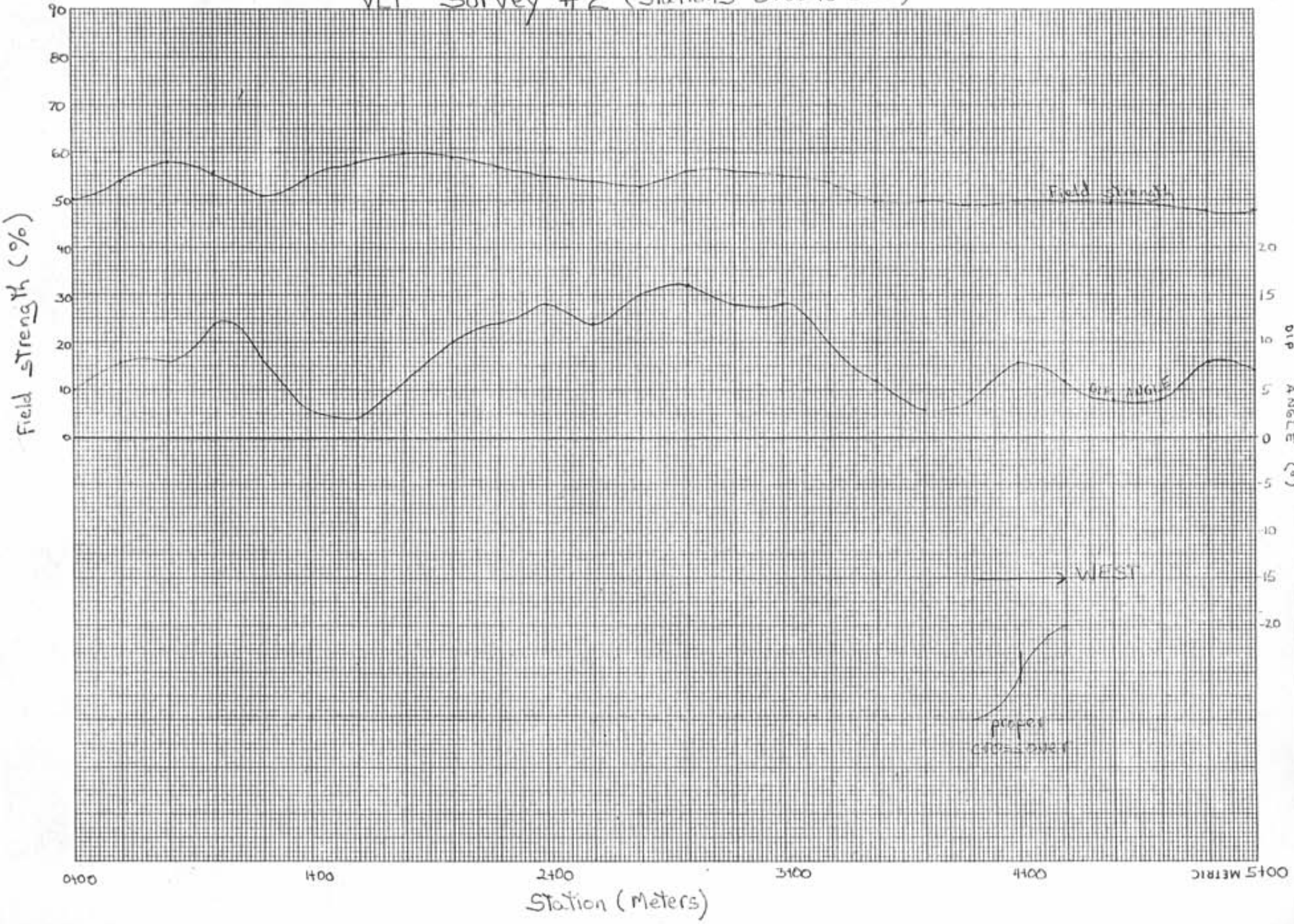
Dip Angle

field strength

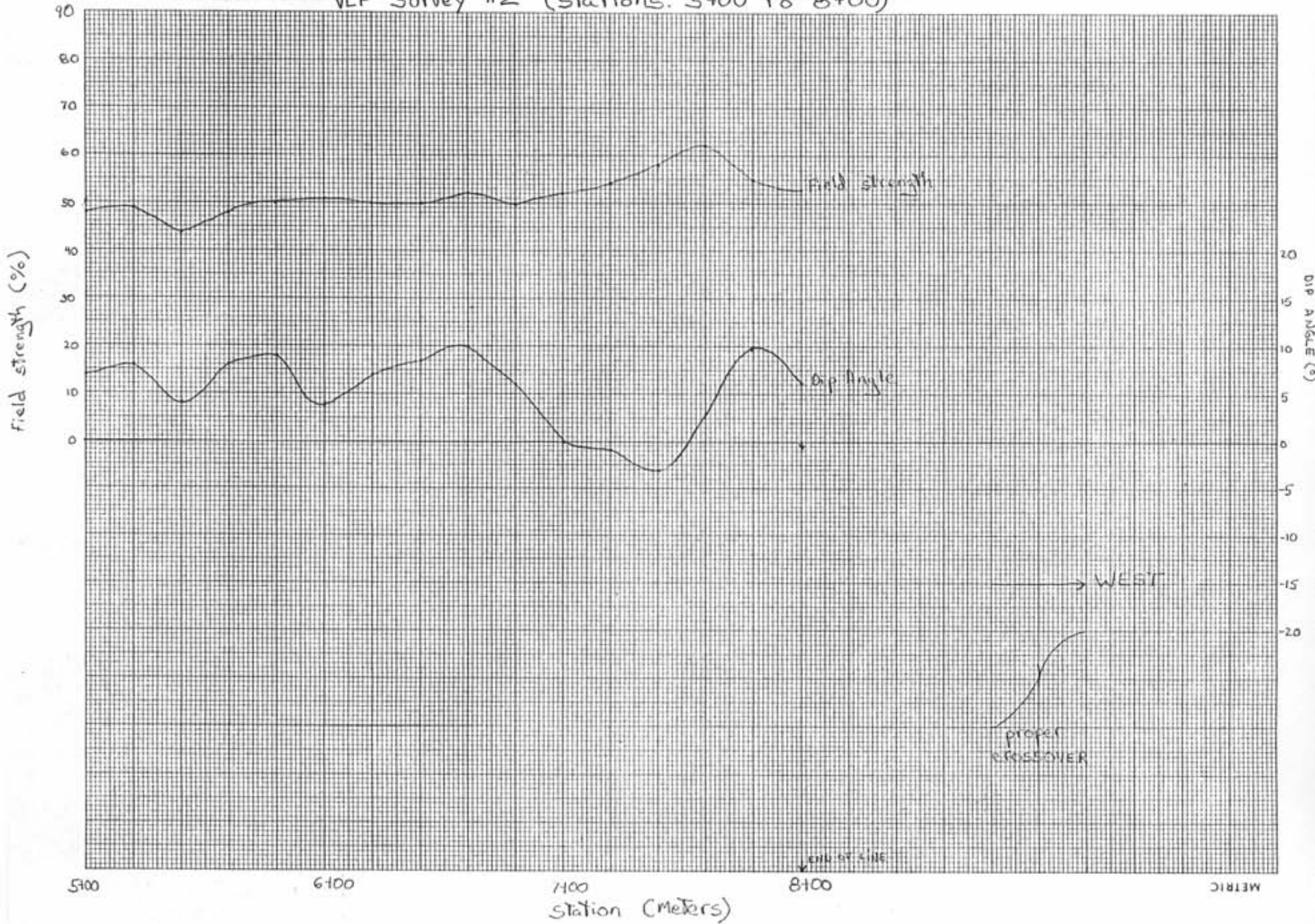
Field strength (%)

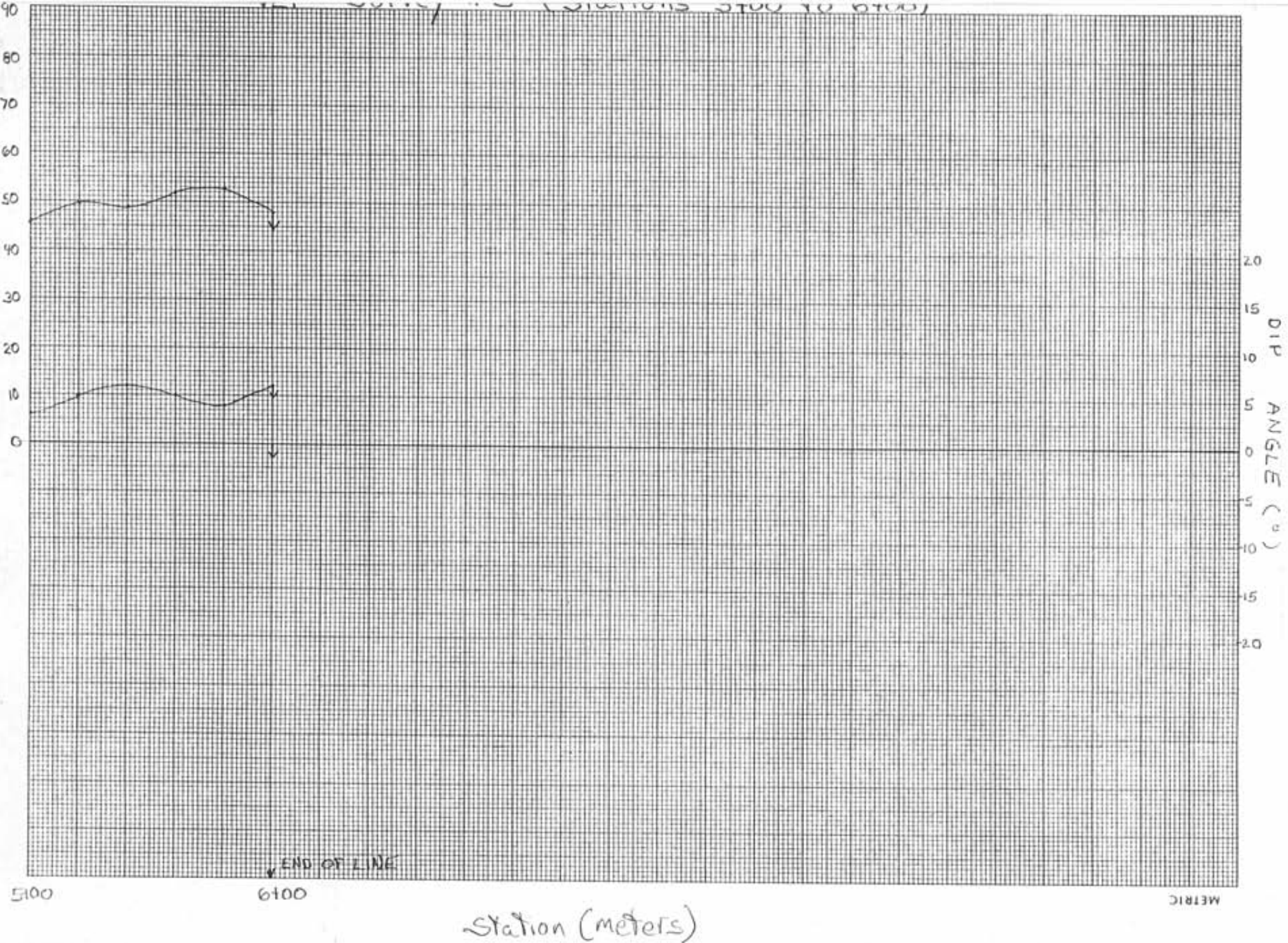
Dip Angle (°)

VLF Survey #2 (Stations 0+00 to 5+00)

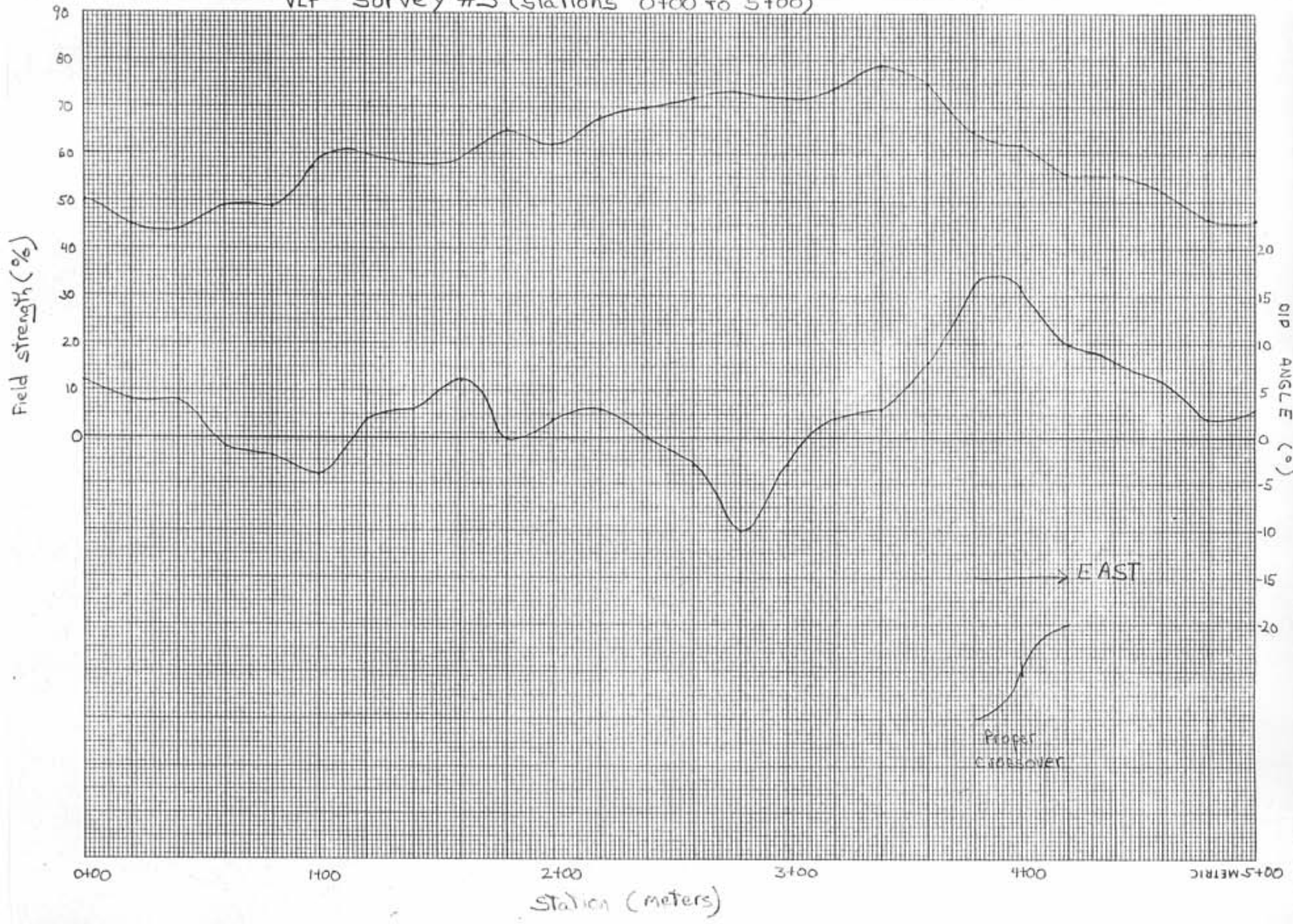


VLF Survey #2 (Stations 5+00 To 8+00)

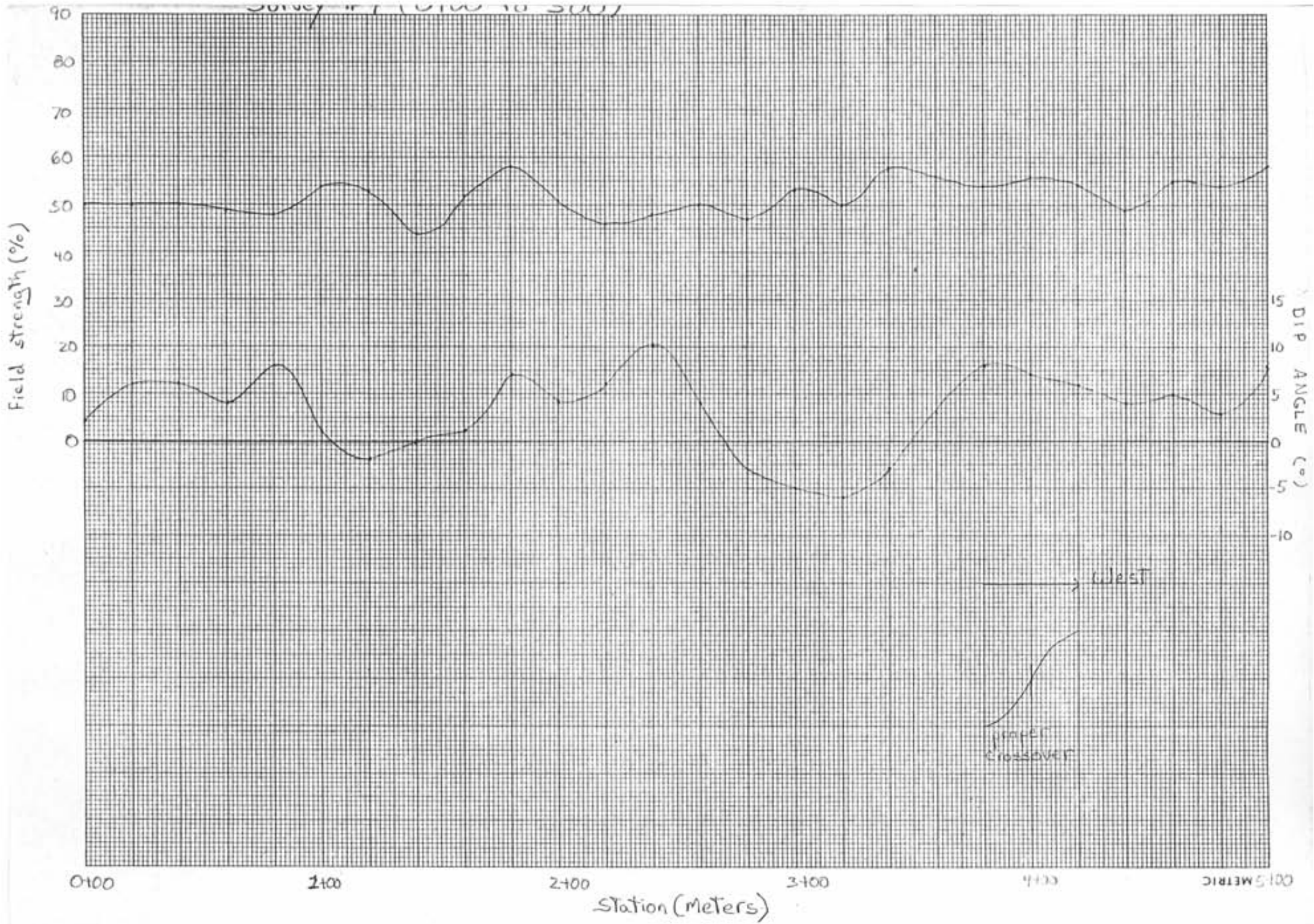


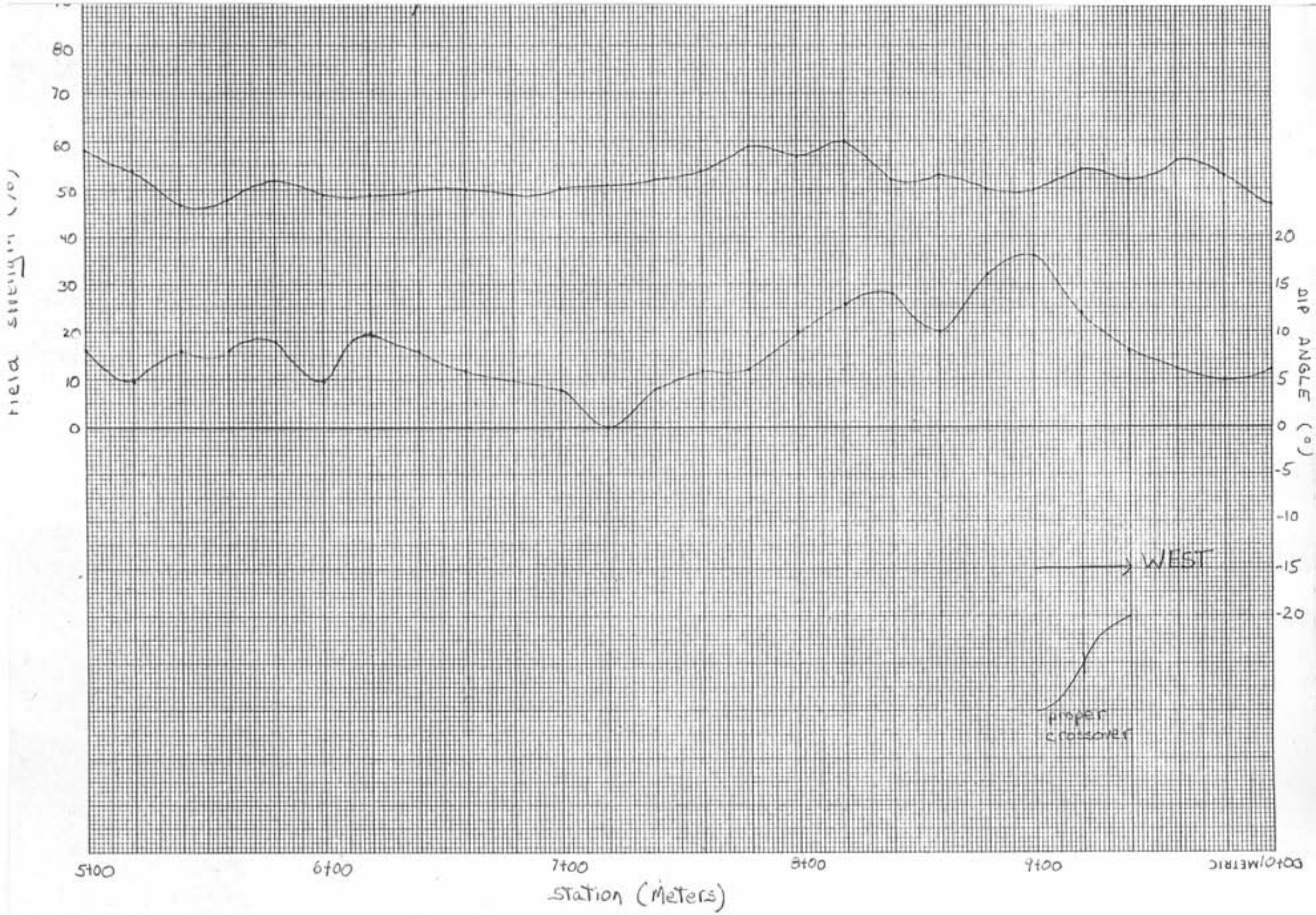


VLT Survey #3 (stations 0+00 to 5+00)



Survey of 1010 to 3007

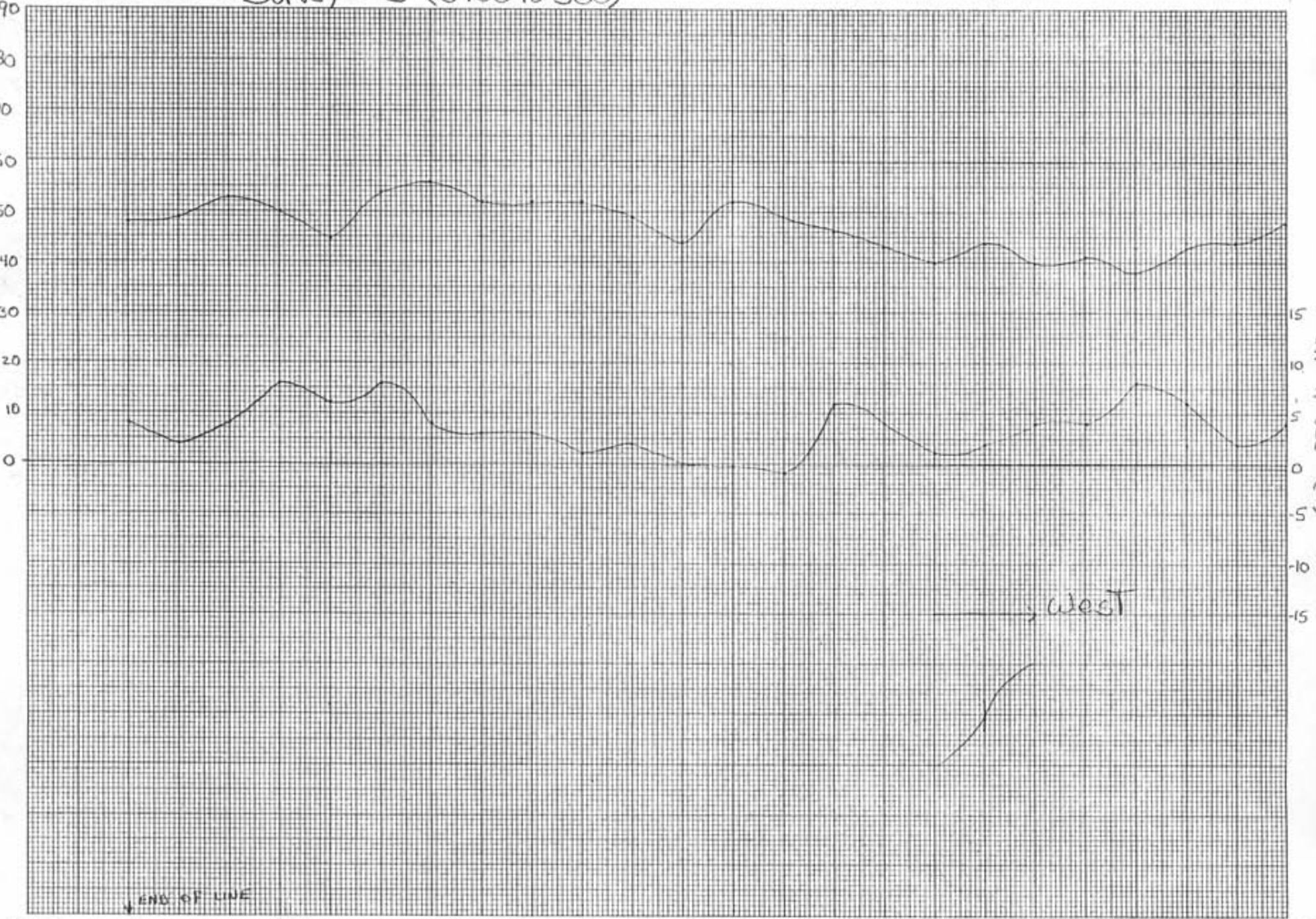




Survey # 3 (0100 to 500)

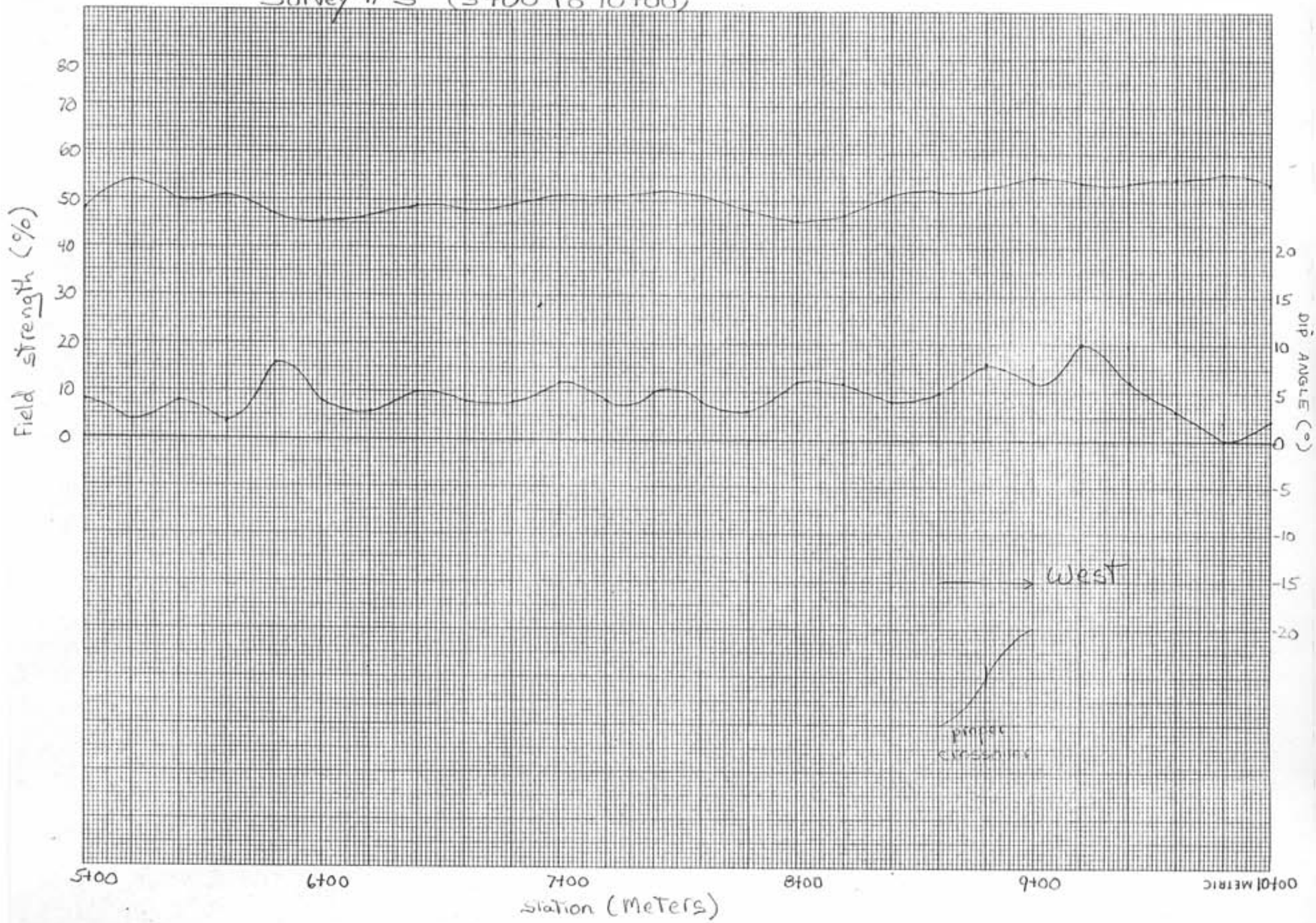
Field strength (%)

DIP ANGLE (°)

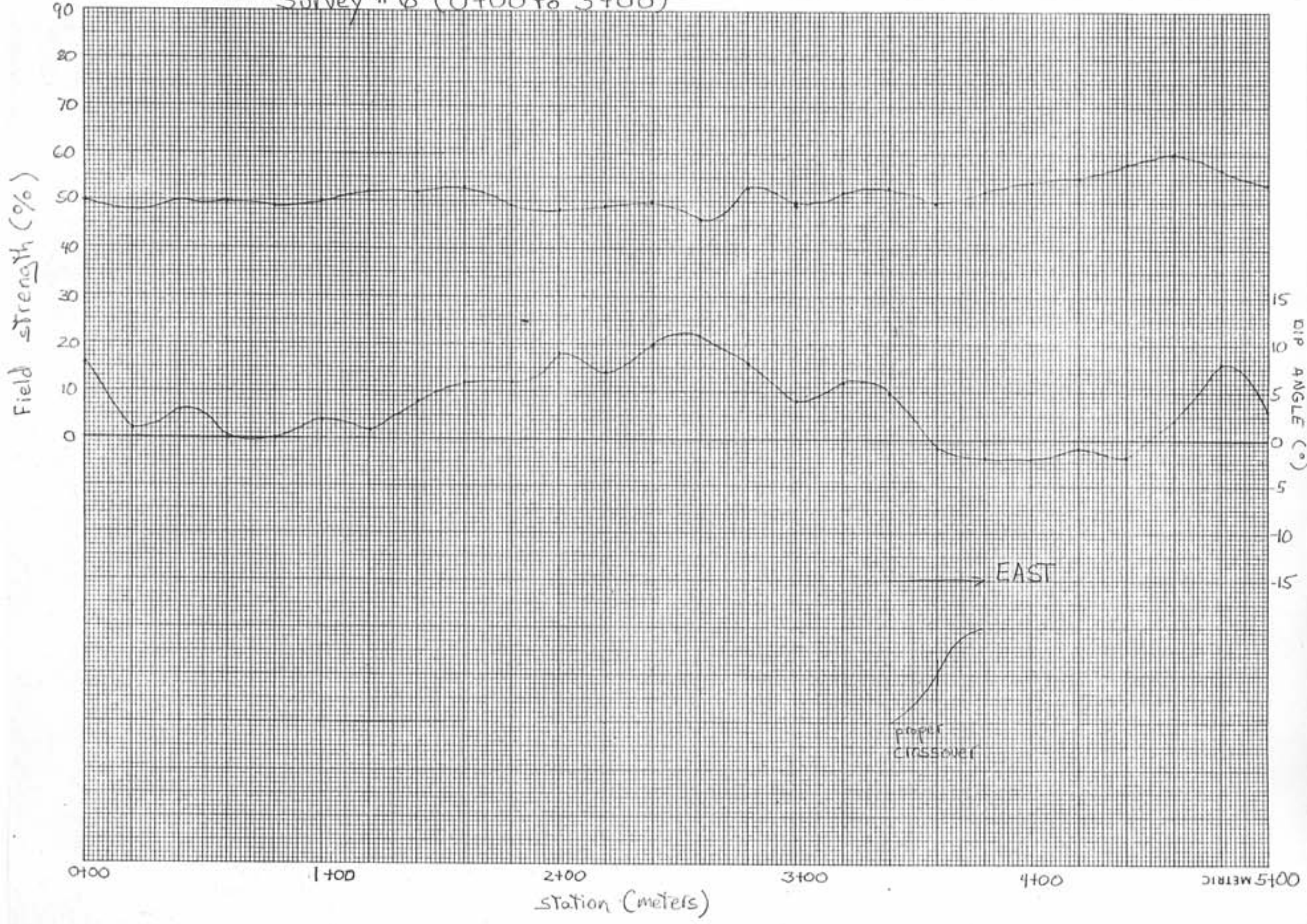


0100 1100 2100 3100 4100 500 METRIC
Station (meters)

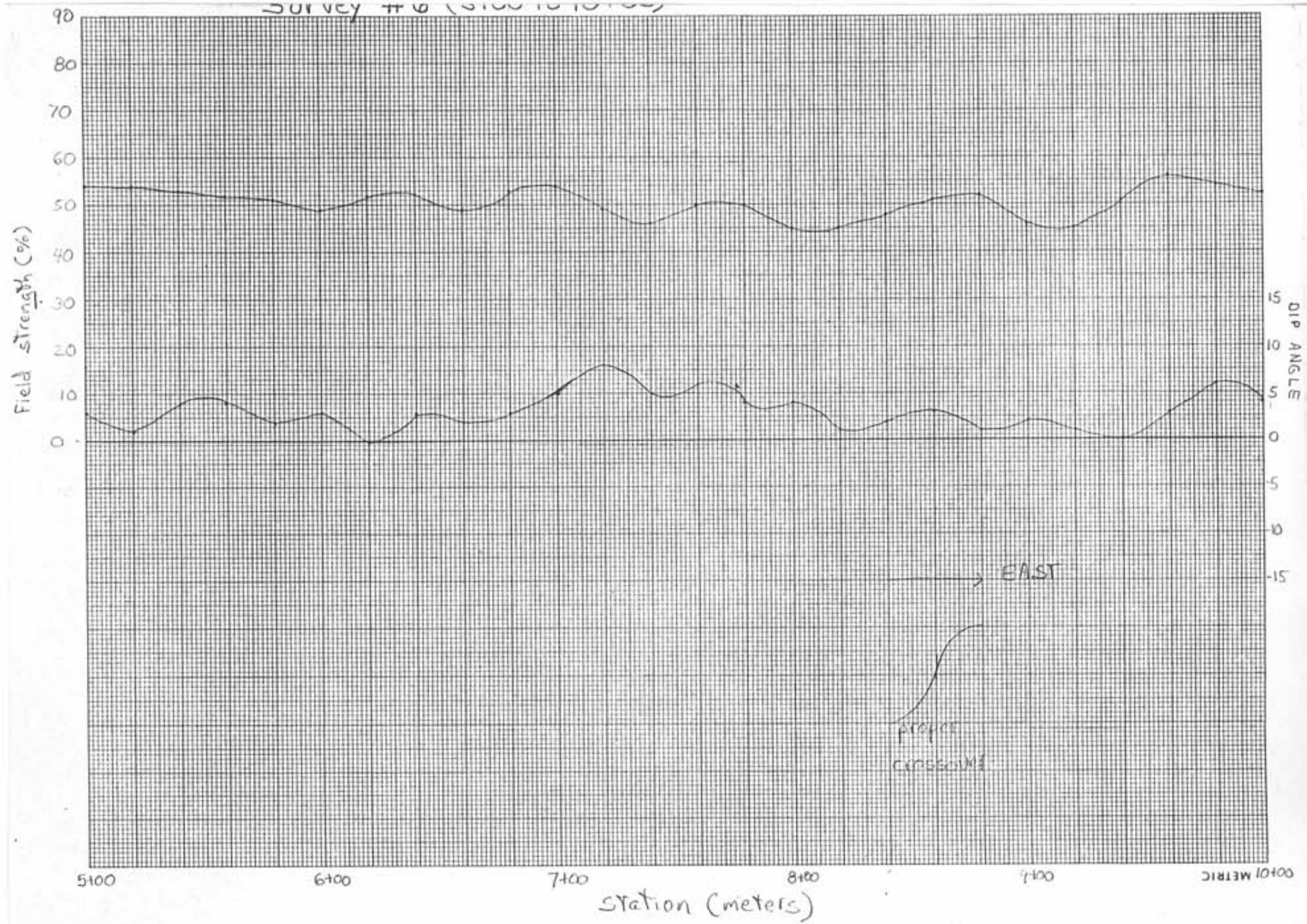
Survey # 5 (5+00 to 10+00)



Survey # 6 (0+00 to 5+00)

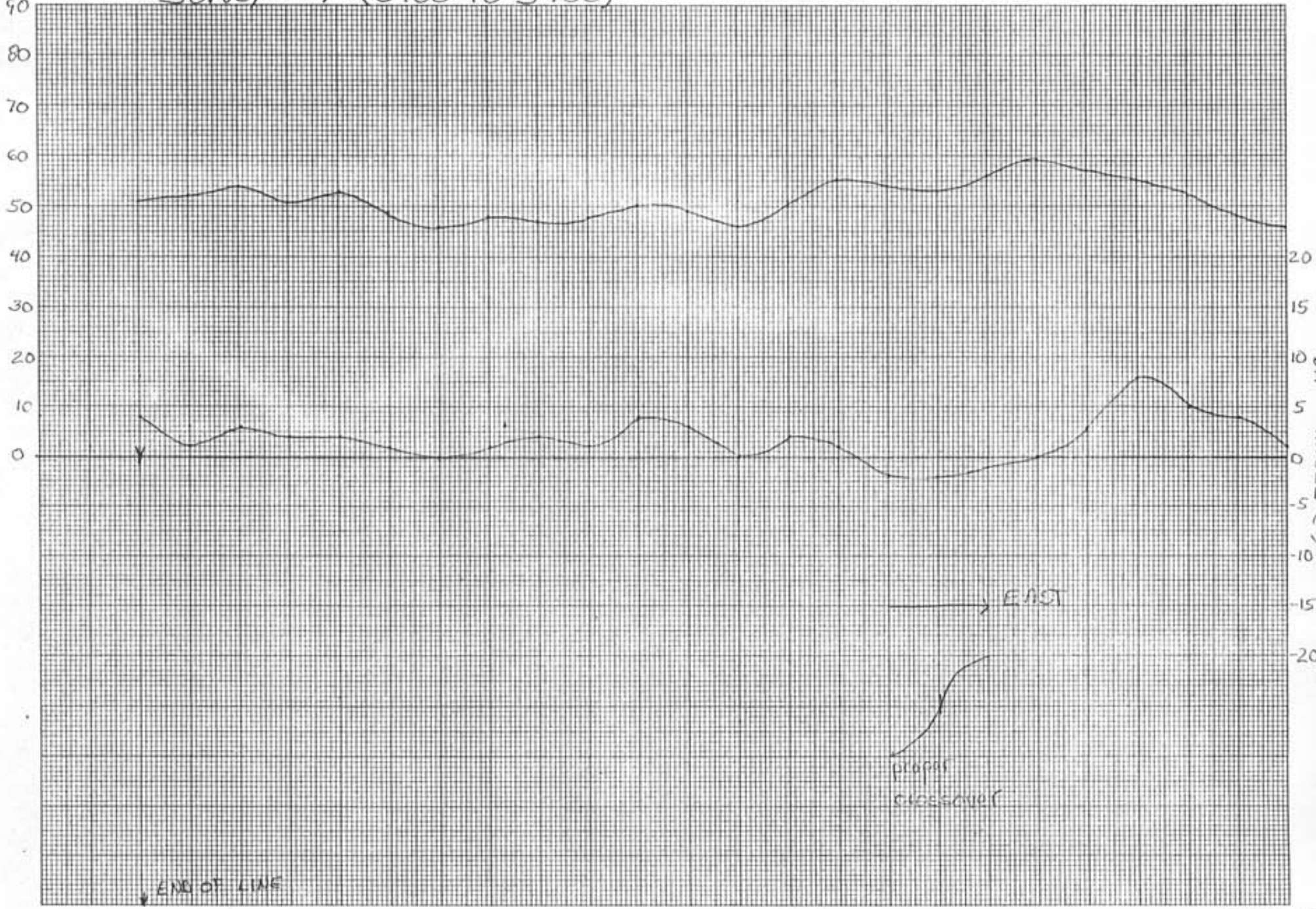


SURVEY # 6 (5100 TO 10100)



Survey (0100 to 5100)

Field strength (%)



DIP ANGLE (°)

END OF LINE

EAST

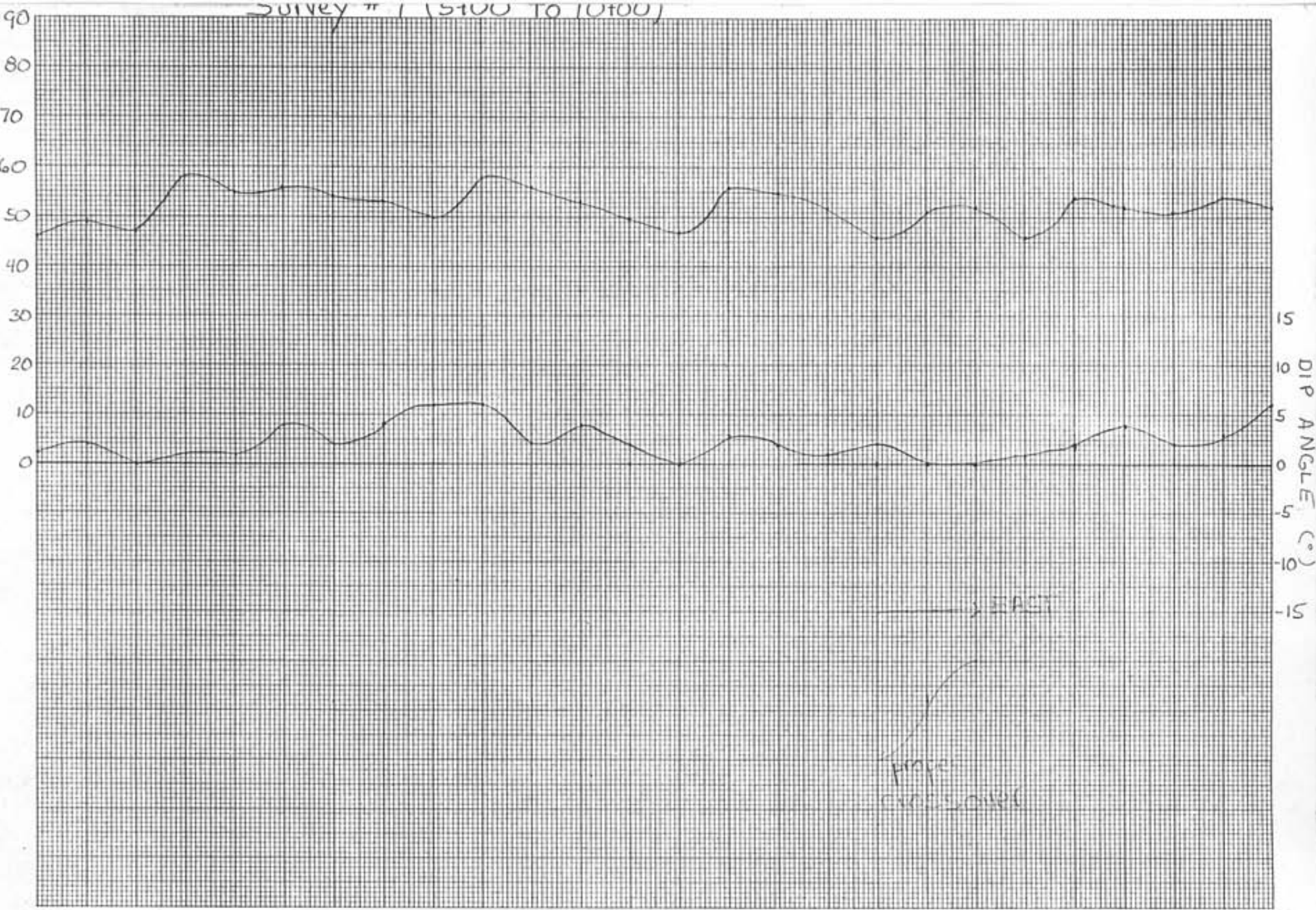
proper crossover

Station (Meters)

015 METRIC

Survey # 1 (5100 TO 10100)

Field strength (%)



5100 6100 7100 8100 9100 10100
Station (meters)

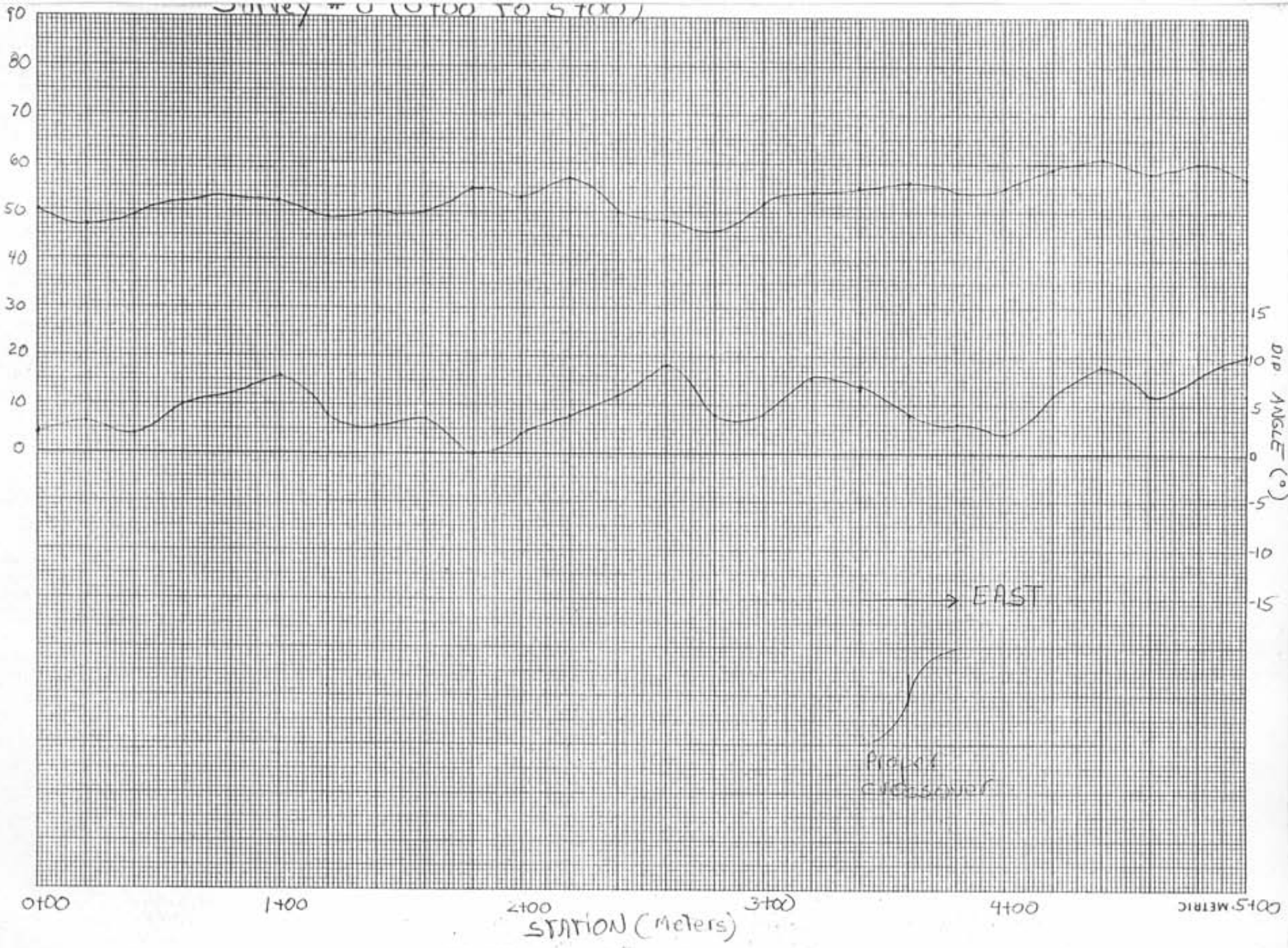
8

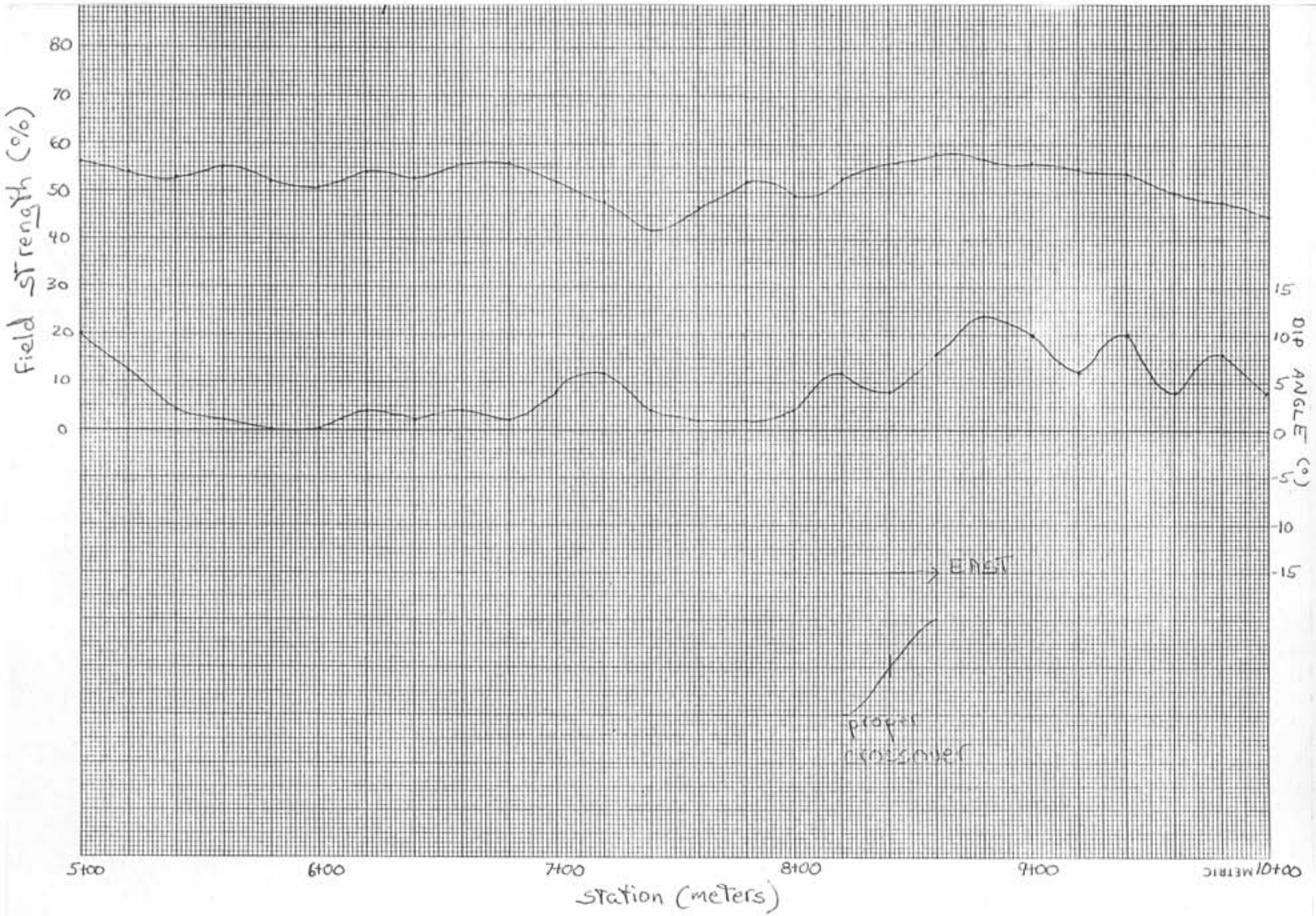
0

10

Survey # 0 (0100 TO 5100)

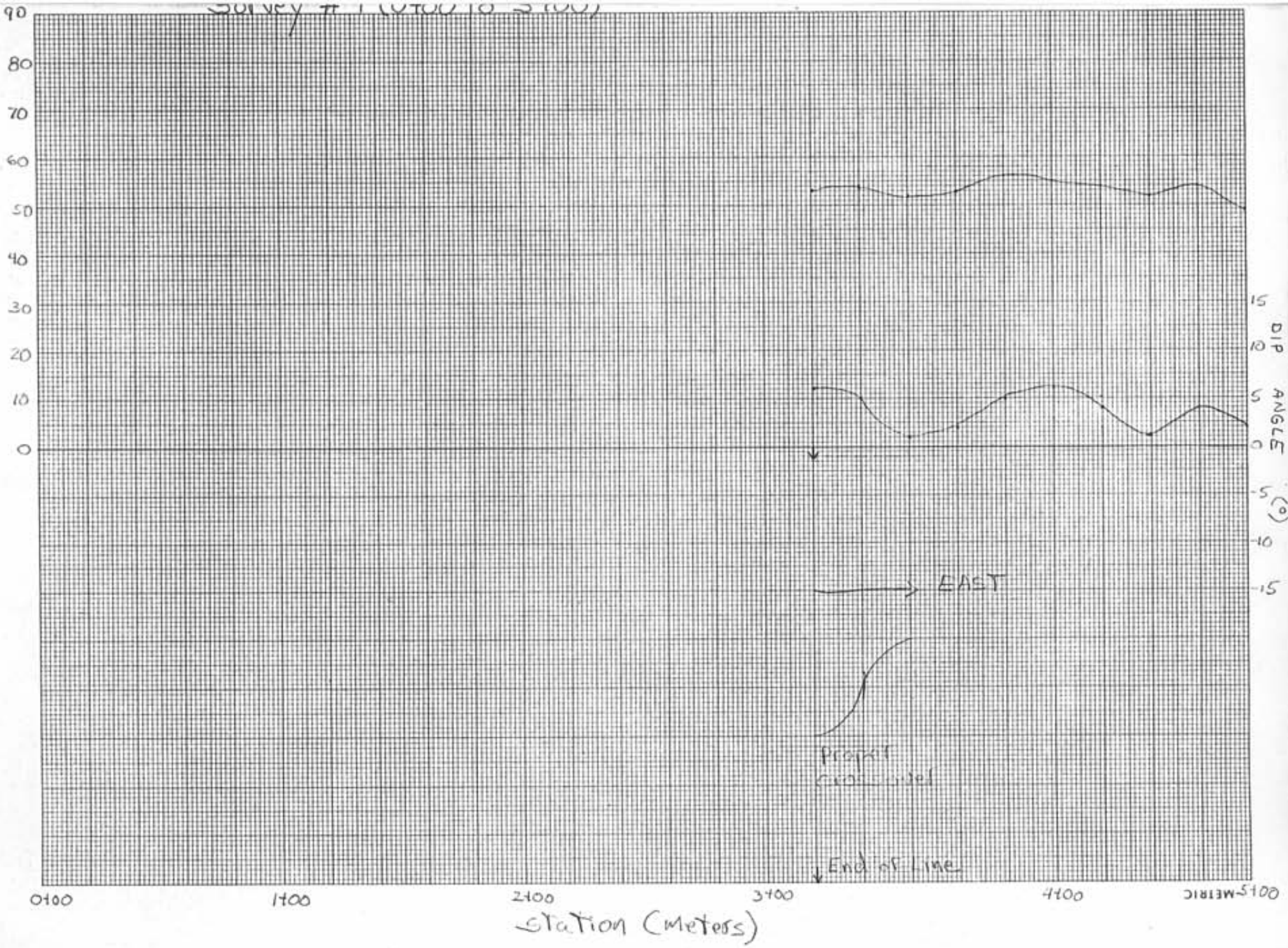
Field strength (%)





SURVEY # 1 (1000 TO 5000)

Field strength (%)



0100

1100

2100

3400

4100

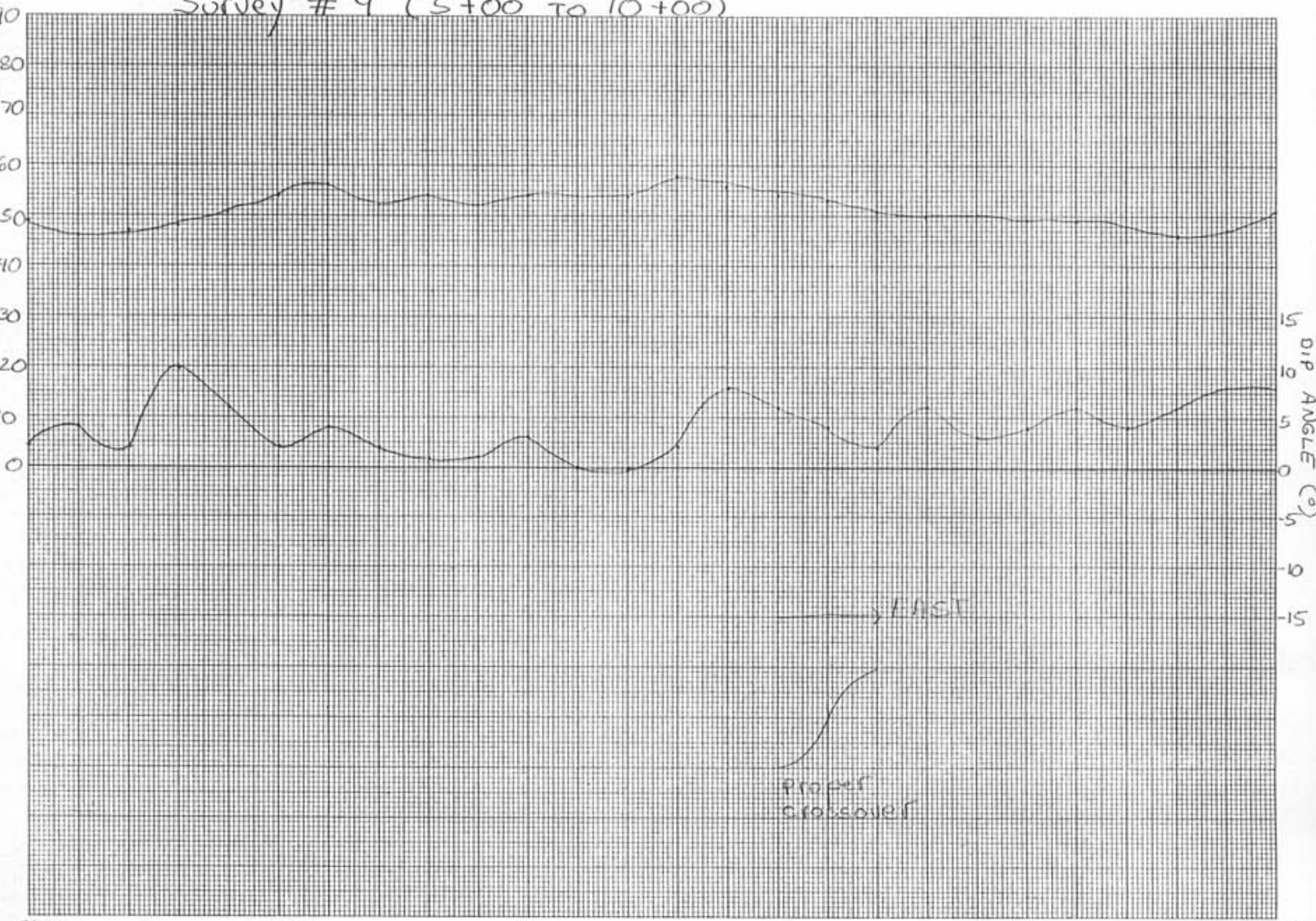
5100 METRIC

Station (Meters)

Survey # 9 (5+00 to 10+00)

Field strength (%)

DIP ANGLE (°)



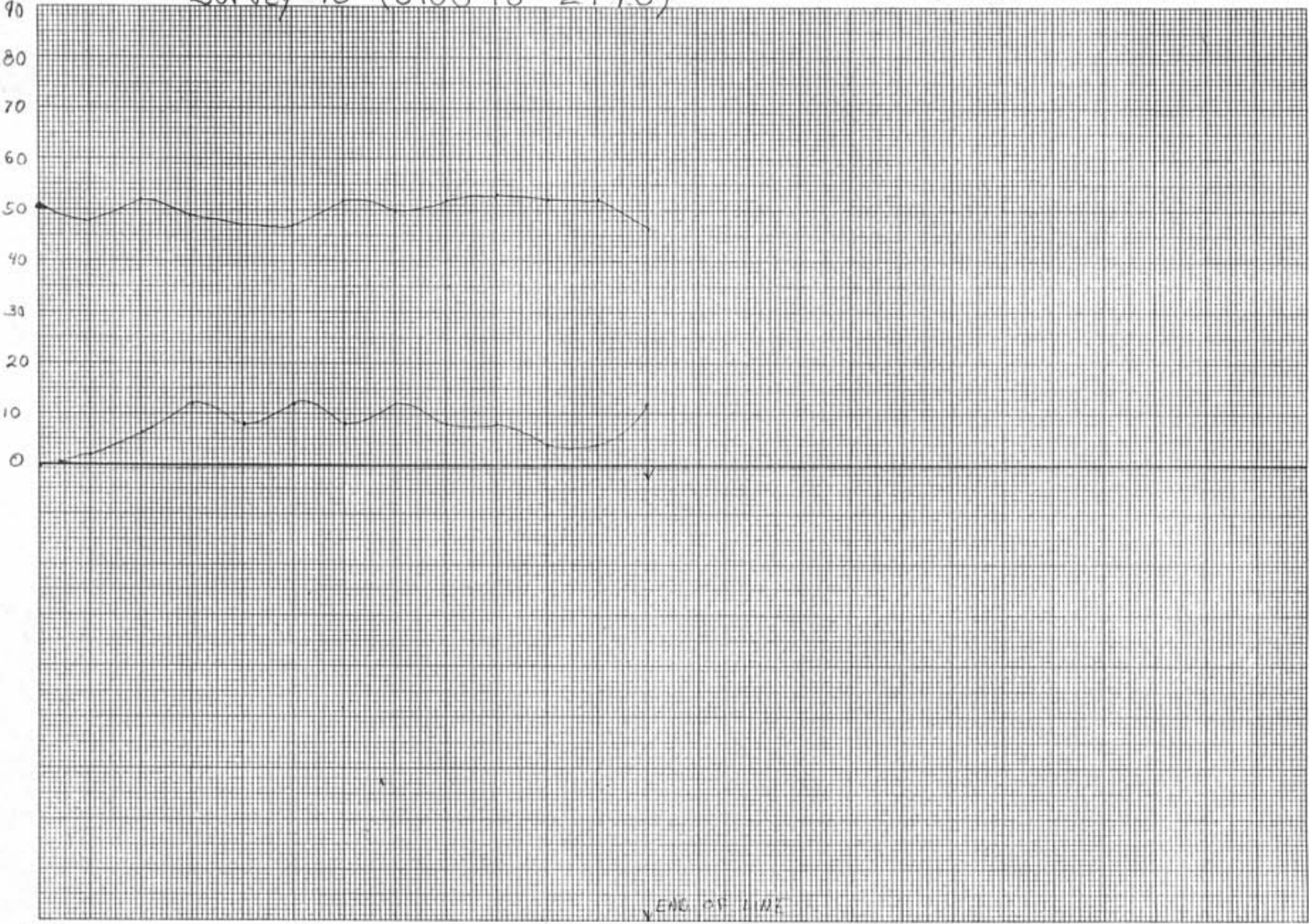
500 600 700 800 900 1000 METRIC
Station (meters)

FAST

Proper crossover

SURVEY TO (UTOU TO 2T7U)

Field strength (%)

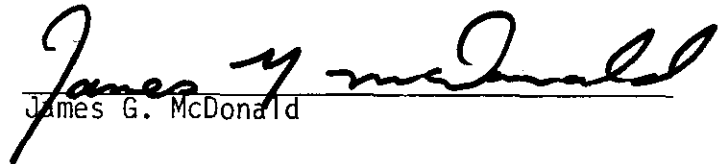


END OF LINE

0100 100 200 station (Meters) METRIC

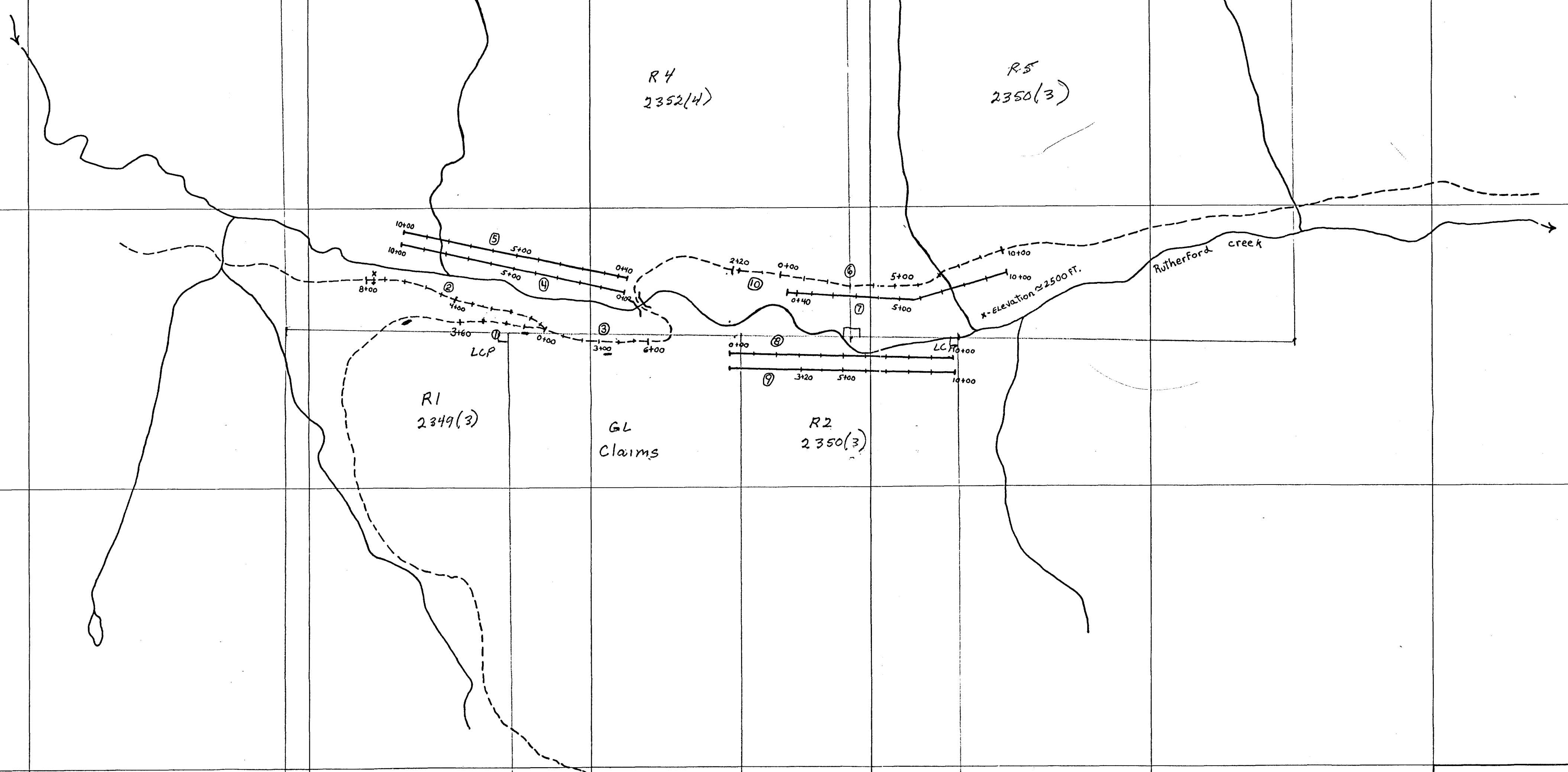
QUALIFICATIONS

I have prospected for 12 years. I completed a Prospecting Course at Nelson, B.C. in 1972. I have received 4 grants under the Grubstake Act.


James G. McDonald



N



.6000

R4
2352(4)

R5
2350(3)

R1
2349(3)

R2
2350(3)

GL
Claims

Rutherford creek

* ELEVATION ≈ 2500 FT.

LCP

LC

△ 6795

.6160

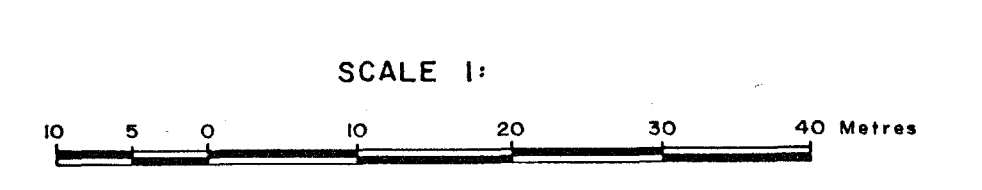
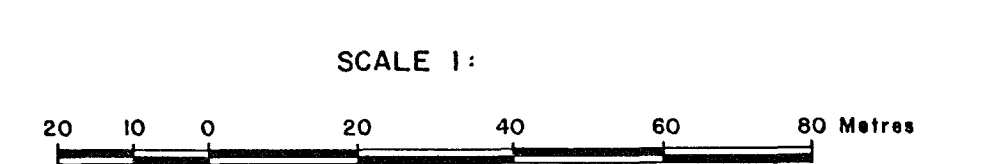
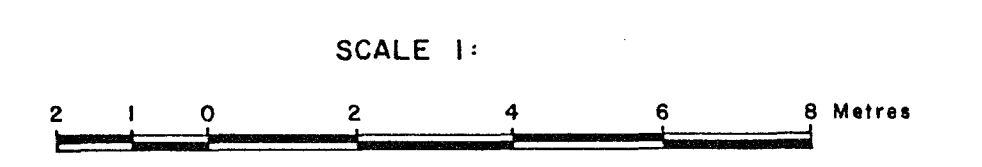
GEOLOGICAL BRANCH
ASSESSMENT REPORT

12,223

VLF-EM SURVEY

RUTHERFORD CREEK, B.C. (17-3-84)

- LOCATION OF GRID LINES
- All distances in meters ...X+00
 - Lines identified by ... @
 - Scale 1:12500
 - From maps ... 92 J/6E
- 920/7W
 - Spot elevations in ... △, *
 - prospect Trenches



~~TRADER RESOURCES CORP.~~
VANCOUVER CANADA

PROJECT: ~~MINNOW DIAMETER PROJECT~~

ENG.: ~~TRADER ENGINEERING LTD.~~

D W G. NUMBER: _____ REV. _____

DESCRIPTION OF REVISION	DESIGN	DRAWN	CHECK DWG. DESIGN	APPROVAL DIVISION PROJECT	ISSUED FOR	DATE	REV.	DESCRIPTION OF REVISION	REFERENCE	No.	DWG. No.	REFERENCE	No.	DWG. No.	REFERENCE	No.	DWG. No.
										11			7			3	
										10			6			2	
										9			5			1	
										8			4				

VANCOUVER 1980